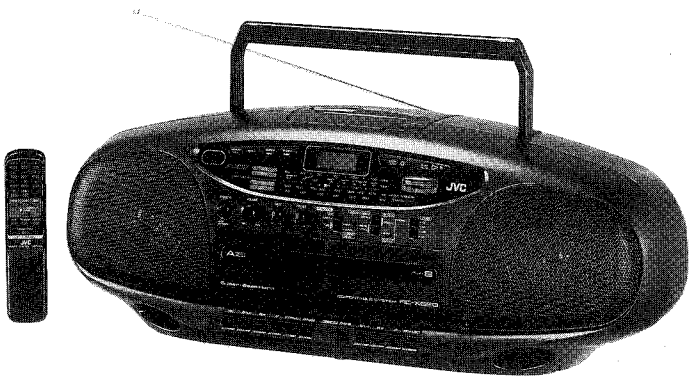
JVC

SERVICE MANUAL

CD PORTABLE SYSTEM

RC-X620 B/E/G/GI/EN



COMPACT disc DIGITAL AUDIO

Area Suffix	
B	U.K.
E	Continental Europe
G	Germany
GI	Italy
EN	Northern Europe

Caution: To enhance the power (attractiveness) of the product by enabling remote control of this system on the basis of the Model RC-X520, a remote control unit has been accessories to this model.

In this service manual, only the items of the contents changed from the Service Manual for Model RC-X520 B/E/G/GI/EN (Issue No. 1854) issued previously are described. For further details not described herein, refer to the Service Manual for Model RC-X520 B/E/G/GI/EN.

Contents

〒103東京都中央区日本橋本町4-8-14
日本ビクター株式会社
サービス部　部品管理課

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No. 1891
June 1993

1. Main Features

1. **Multi-function CD player with remote control**
   - CD player with program play of up to 20 tunes/intro play/random play/repeat play function.
   - Digital LCD (Liquid Crystal Display) indicates the playback time of each tune and the number and total playback time of programmed tunes.
   - 8-cm "CD single" capability.
2. **Synchro-record start for CD recording convenience.**
3. **Double-cassette mechanism (Deck A for recording and playback, Deck B for playback).**
   - Metal and CrO_2 tape can be played back, for superior tone quality.
   - Synchro start dubbing function (normal/high speed dubbing).
   - Relay playback (from Deck B to Deck A).
   - Full auto-stop mechanism.
4. **SUPER BASS HORN system.**

2. Specifications

Compact disc player section

Type	:	Compact disc player
Signal detection system	:	Non-contact optical pickup (semiconductor laser)
Number of channels	:	2 channels (stereo)
Frequency response	:	20 Hz – 20,000 Hz
Signal-to-noise ratio	:	76 dB
Wow & flutter	:	Less than measurable limit

Radio section

Frequency ranges	:	FM	88 – 108 MHz 87.5 – 108 MHz (GI)
		SW	6 – 18 MHz
		MW	540 – 1600 kHz 526 – 1607 kHz (GI)
		LW	150 – 280 kHz 148 – 284 kHz (GI)
Antennas	:	Telescopic antenna for FM & SW Ferrite core antenna for MW & LW	

Tape deck section

Track system	:	4-track 2-channel stereo
Motor	:	Electronic governor DC motor for capstan
Heads	:	Deck A; Hard permalloy head for recording/playback, 2 gap permalloy head for erasure Deck B; Hard permalloy head for playback
Frequency response	:	63 Hz – 12,500 Hz (with normal tape)
Wow & flutter	:	0.15 % (WRMS)
Fast wind time	:	Approx. 120 sec (C-60 cassette)

General

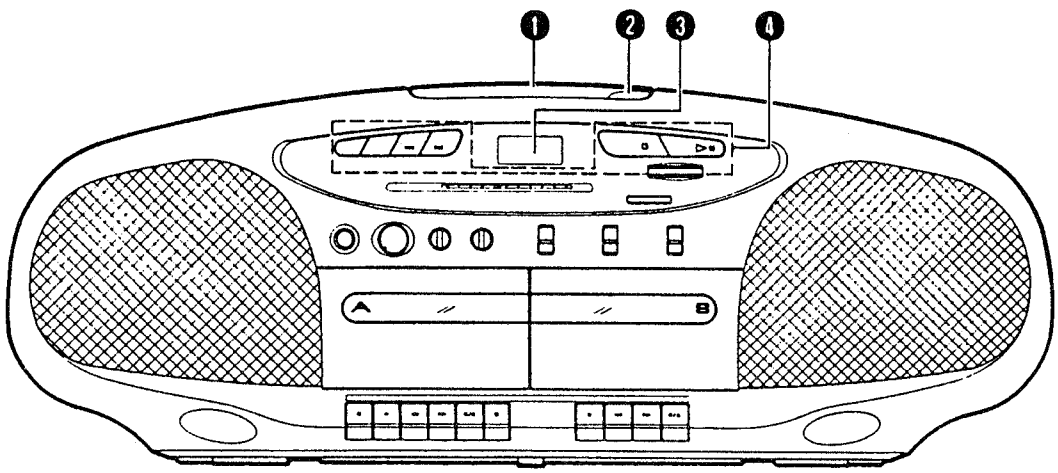
Speakers	:	10 cm full range x 2 (3 Ω)
Power output	:	15 W (7.5 W + 7.5 W) at 3 Ω (Max.) 9 W (4.5 W + 4.5 W) at 3 Ω (10 % THD)
Output terminals	:	PHONES x 1 (Output level : 0 – 12 mW/32 Ω, Matching impedance: 16 Ω – 1 kΩ)
Power sources	:	AC 240 V, 50/60 Hz (RC-X520B) AC 230 V, 50/60 Hz (RC-X520E/G/GI/EN) DC 12 V (8 "R20" batteries)
Power consumption	:	28 W (with Power SW ON) 2.6 W (with Power SW STANDBY)
Dimensions	:	655(W) x 240(H) x 250(D) mm including knobs
Weight	:	Approx. 6.6 kg with batteries Approx. 5.8 kg without batteries
Accessories provided	:	AC power cord Remote control unit (RM-RX620) Battery "R6" × 2 (for the remote control)

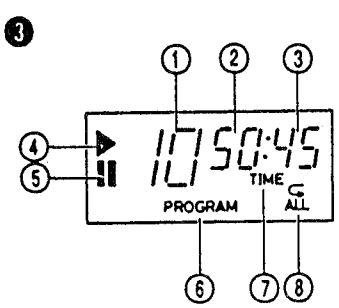
Design and specifications are subject to change without notice.

3. Instructions (Extract)

NAMES OF PARTS AND THEIR FUNCTIONS

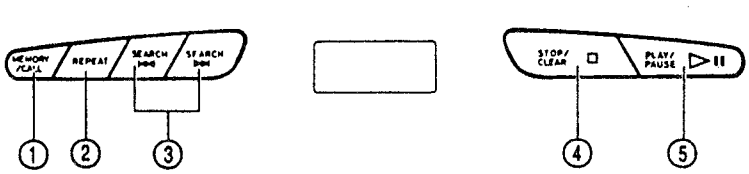
- **Front & top panels**





1 **Disc holder**
2 **Disc holder open button (⏏)**
3 **Display window (CD player section)**
- ① Track (tune) number display
- ② Time (minute)/Program order number display
- ③ Time (second) display
- ④ Playback indicator (►)
- ⑤ Pause indicator (II)
- ⑥ Program mode indicator (PROGRAM)
- ⑦ TIME mode indicator
- ⑧ Repeat playback indicator (ALL)

4 **CD operation buttons**
- ① MEMORY/CALL button
- ② REPEAT button
- ③ SEARCH (◄◄ / ►►) button
- ④ STOP/CLEAR (□) button
- ⑤ PLAY/PAUSE (►II) button



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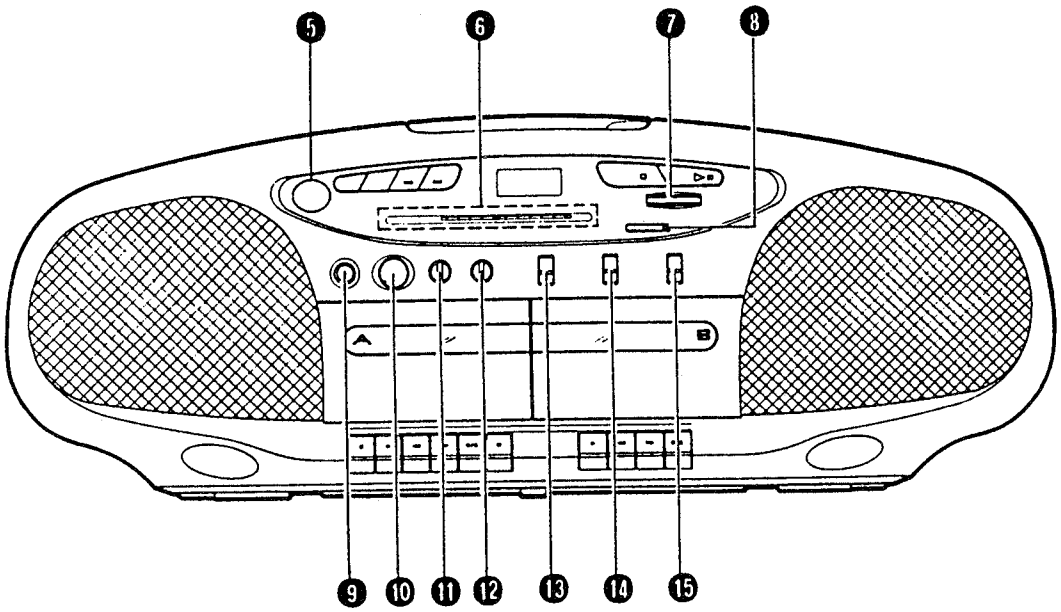


❺ REMOTE SENSOR section
❻ Dial scale
❼ TUNING knob
❽ FINE TUNING knob
❾ POWER switch
❿ VOLUME control
⓫ BASS control
⓬ TREBLE control

⓭ **FUNCTION switch**
CD
Set to this position when listening to or recording from CD.
TUNER
Set to this position when listening to or recording from the radio.
TAPE/DUBBING SPEED ■ HIGH ■ NORMAL
Set to HIGH when dubbing at high-speed.
Set to NORMAL when listening to a cassette or when dubbing at normal speed.

⓮ **TAPE (FOR PLAYBACK)/FM MODE/BEAT CUT switch**
TAPE (FOR PLAYBACK) switch:
Set this switch according to the type of tape to be used.
NORM:
Set to this position to listen to a normal (type I) tape.
METAL/CrO_2: (playback only)
Set to this position to listen to a metal (type IV) or chrome (type II) tape.
FM MODE switch:
STEREO: Set to this position when receiving FM stereo broadcasts.
MONO: Set to this position when FM stereo reception is obscured by noise.
BEAT CUT switch:
When recording an AM or SW broadcast, beats may be produced which are not heard when listening to the broadcast. In such case, set this so that the beats are eliminated. Normally set this switch to "1 NORM".

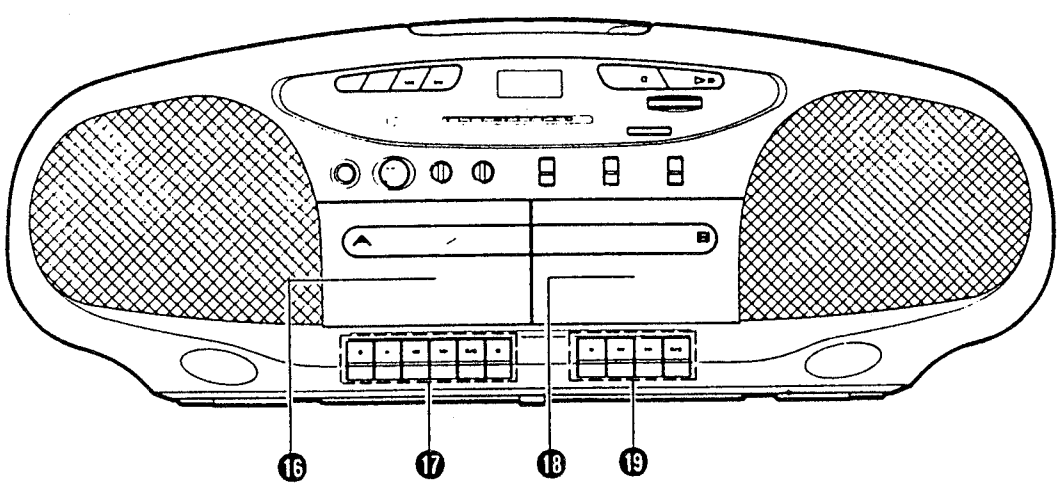
⓯ **BAND switch (FM/AM/SW1/SW2)**

⓰ **Cassette holder (Deck A)**

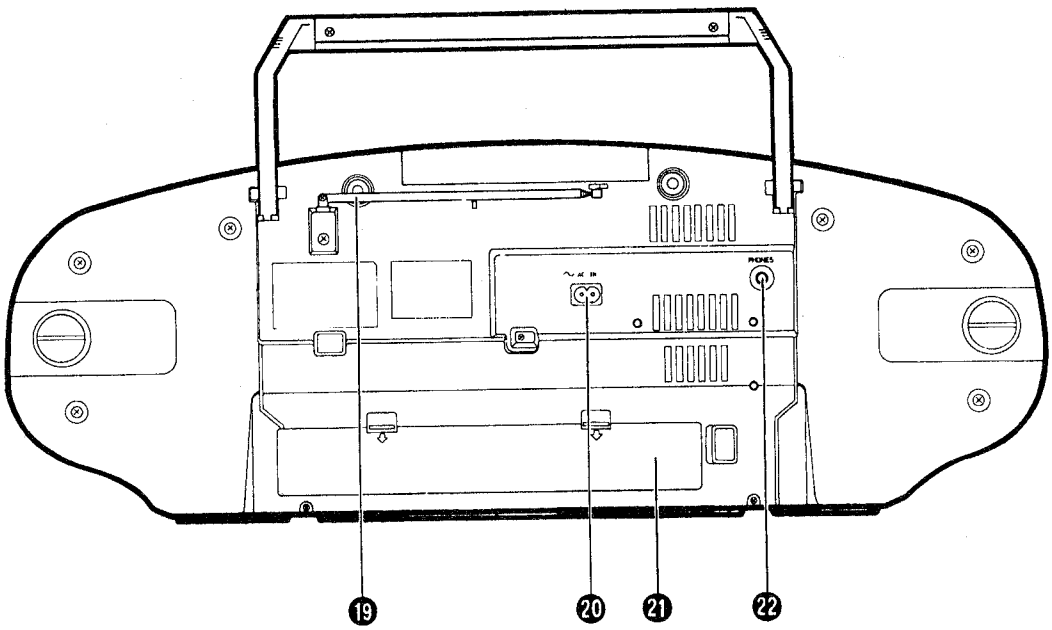
⓱ **Cassette operation buttons (Deck A)**
○ REC:
Press this button with the ► PLAY button to start recording.
► PLAY:
Press to play the tape.
◄◄ REW:
Press to rewind the tape rapidly.
►► FF:
Press to wind the tape forward rapidly.
■/▲ STOP/EJECT:
Press to stop the tape. Pressing this button when the tape is stopped opens the cassette holder.
II PAUSE:
Press to stop the tape momentarily. Press again to release the pause mode.

⓲ **Cassette holder (Deck B)**

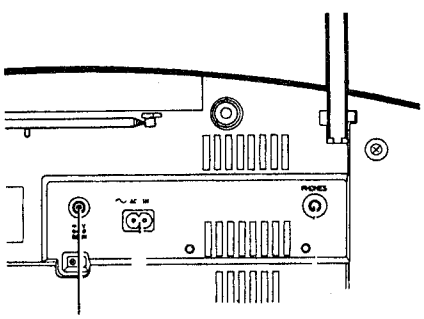
⓳ **Cassette operation buttons (Deck B)**
► PLAY:
Press to play the tape.
◄◄ REW:
Press to rewind the tape rapidly.
►► FF:
Press to wind the tape forward rapidly.
■/▲ STOP/EJECT:
Press to stop the tape. Pressing this button when the tape is stopped opens the cassette holder.



- **Rear panel**



⑲ **Telescopic antenna**
⑳ **AC IN (AC input) jack**
㉑ **Battery compartment cover**
㉒ **Headphones jack (PHONES) (3.5 mm dia. stereo mini)**
Connect headphones (impedance 16Ω - 1 kΩ) to this jack. The speakers are automatically switched off when headphones are connected.



DC12V jack (RC – X620E/EN)

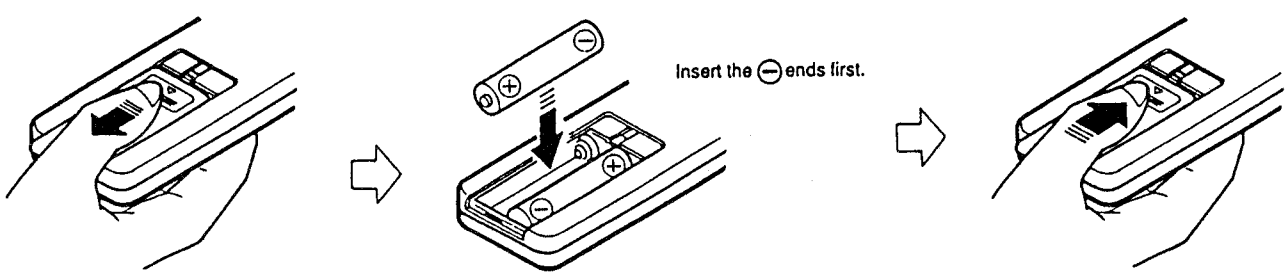
REMOTE CONTROL UNIT

Preparation before use

- **Installing batteries in the remote control unit**

1. Remove the battery cover from the back of the remote control unit.
2. Insert two "R6" size batteries.

- Insert the batteries with the ⊕ and ⊖ terminals matching the indication inside the battery compartment.



3. Replace the cover.

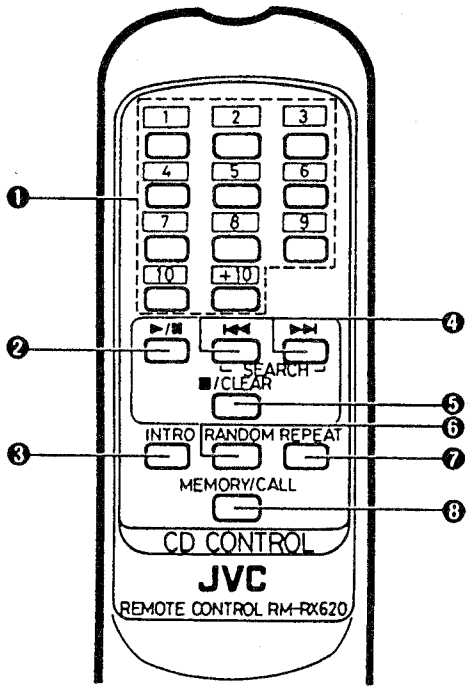
- **Battery replacement**
  When the remote control operation becomes unstable or the distance from which remote control is possible becomes shorter, replace the batteries with new ones.

Using the remote control unit

To use the remote control unit, point it at the REMOTE SENSOR and press the buttons gently and firmly. Remote control operation is possible within about 7 m (approx. 23 ft). However, since the remote control range is less when the unit is used at an angle, use directly in front of the REMOTE SENSOR, as far much possible.
Do not expose the REMOTE SENSOR to strong light (direct sunlight or artificial lighting) and make sure that there are no obstacles between the REMOTE SENSOR and the remote control unit.

The following operations can be performed using the remote control unit.

- **Check the functions of the operation buttons carefully and operate them correctly.**



❶ **Track (tune) number buttons (No. 1 –10, +10)**
❷ **Play/pause button (▶/II)**
❸ **INTRO button**
❹ **SEARCH button (|◀◀, ▶▶|)**
❺ **Stop/clear button (■ /CLEAR)**
❻ **RANDOM button**
❼ **REPEAT button**
❽ **MEMORY/CALL button**

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4. Analytic Drawing

■ **Analytic Drawing (1): Block No. M 1**

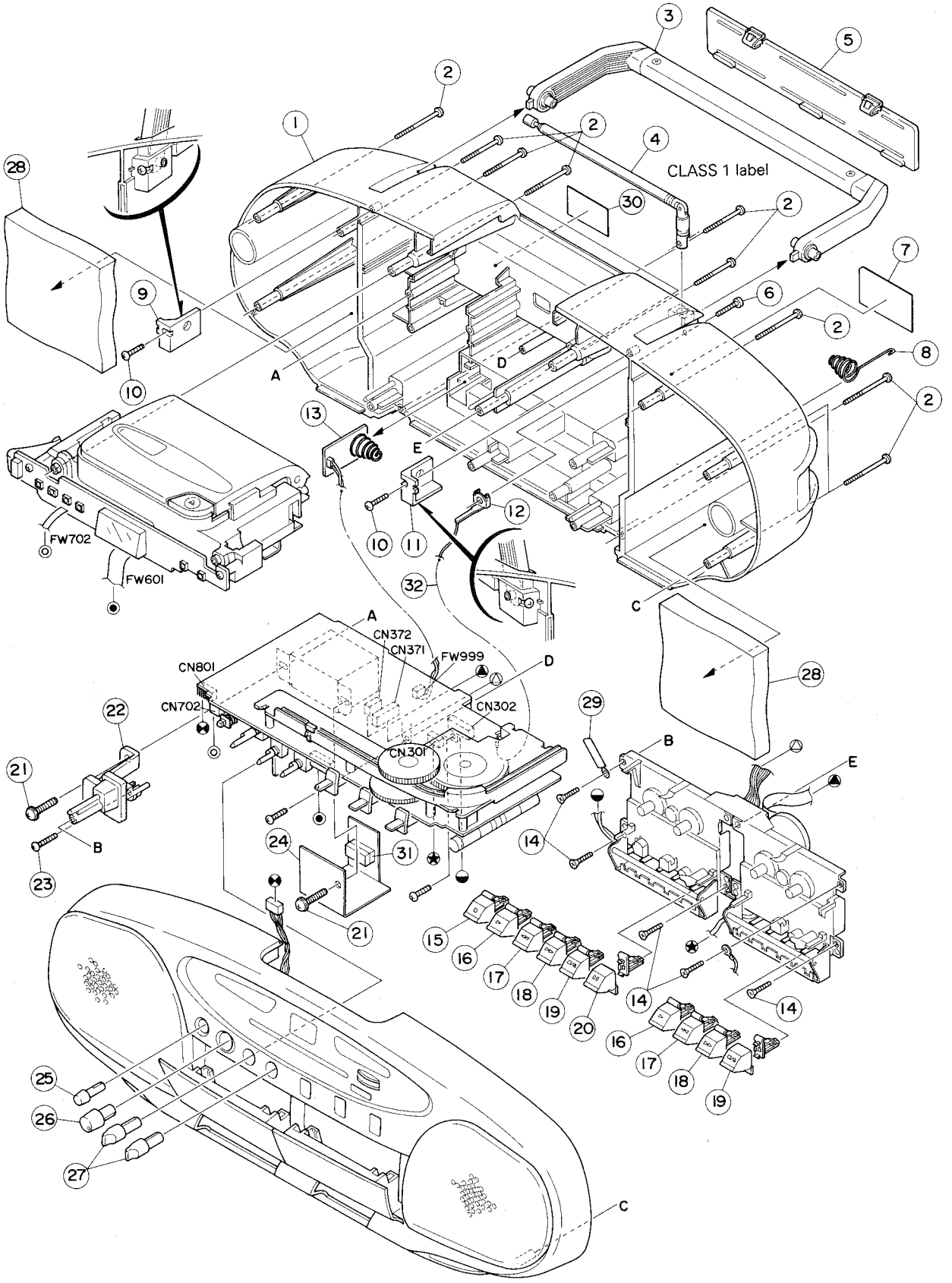

Fig. 4-1

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■ Analytic Drawing (1) Parts List

BLOCK NO. M1MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	1	VJG1115-012	REAR CABINET		1		
	2	SBSF3050Z	SCREW	F.CABI+R.CABI	11		
	3	VJH4116-00D	HANDLE ASS'Y		1		
	4	VJA3006-00E	ROD ANT.ASSY		1		
	5	VJC2016-023SS	BATTERY COVER		1		
	6	SDSP3012N	SCREW	ROD ANT+REAR	1		
⚠	7	VYN5171-N005T	NAME PLATE		1	E	
⚠		VYN5171-M002T	NAME PLATE		1	B	
⚠		VYN5171-M008T	NAME PLATE		1	G	
⚠		VYN5171-M108T	NAME PLATE		1	GI	
⚠		VYN5171-M015T	NAME PLATE		1	EN	
	8	VYH5657-001	BATTERY SPRING		1		
	9	VYH7738-001	HOLDER		1		
	10	SBSF3010Z	SCREW	HANDLR+CABI	2		
	11	VYH7738-002	HOLDER		1		
	12	VYH5012-005SS	TERMINAL LUG		1		
	13	VYH5483-001	BATTERY SPRING	UM-1	1		
	14	SBSF3012Z	SCREW	MECHA+REAR	5		
	15	VXP3391-001	MECHA BUTTON	MECHA.A:REC	1		
	16	VXP3391-002	MECHA BUTTON	MECHA.A,B:PLAY	2		
	17	VXP3391-003	MECHA BUTTON	MECHA.A,B:REW	2		
	18	VXP3391-004	MECHA BUTTON	MECHA.A,B:FF	2		
	19	VXP3391-005	MECHA BUTTON	MECHA.A,B:STOP	2		
	20	VXP3391-006	MECHA BUTTON	MECHA.A:PAUSE	1		
	21	GBSF4020Z	SCREW	POWER TRANS	2		
	22	VKS3598-002	MECHA HOLDER		1		
	23	SBSF3012Z	SCREW		1		
	24	VMA4555-001	SHILD	T999	1		
	25	VXP5129-001	POWER BUTTON		1		
	26	VXL4409-001	VOLUME KNOB		1		
	27	VXL4410-001	KNOB	BASS,TREBLE	2		
	28	VKZ4687-001	SOUND ABSOBER		2		
	29	QHX5080-001	WIRE CLAMP		1		
	30	VND4221-001	CLASS 1 LABEL		1		
	31	VYSH107-011	SPACER	TRANS SHIELD SP	1		
	32	VWE240-10A2SF	WIRE WITH CONT	BATTERY SPRING	1		

■ Analytic Drawing (2): Block No. M 2

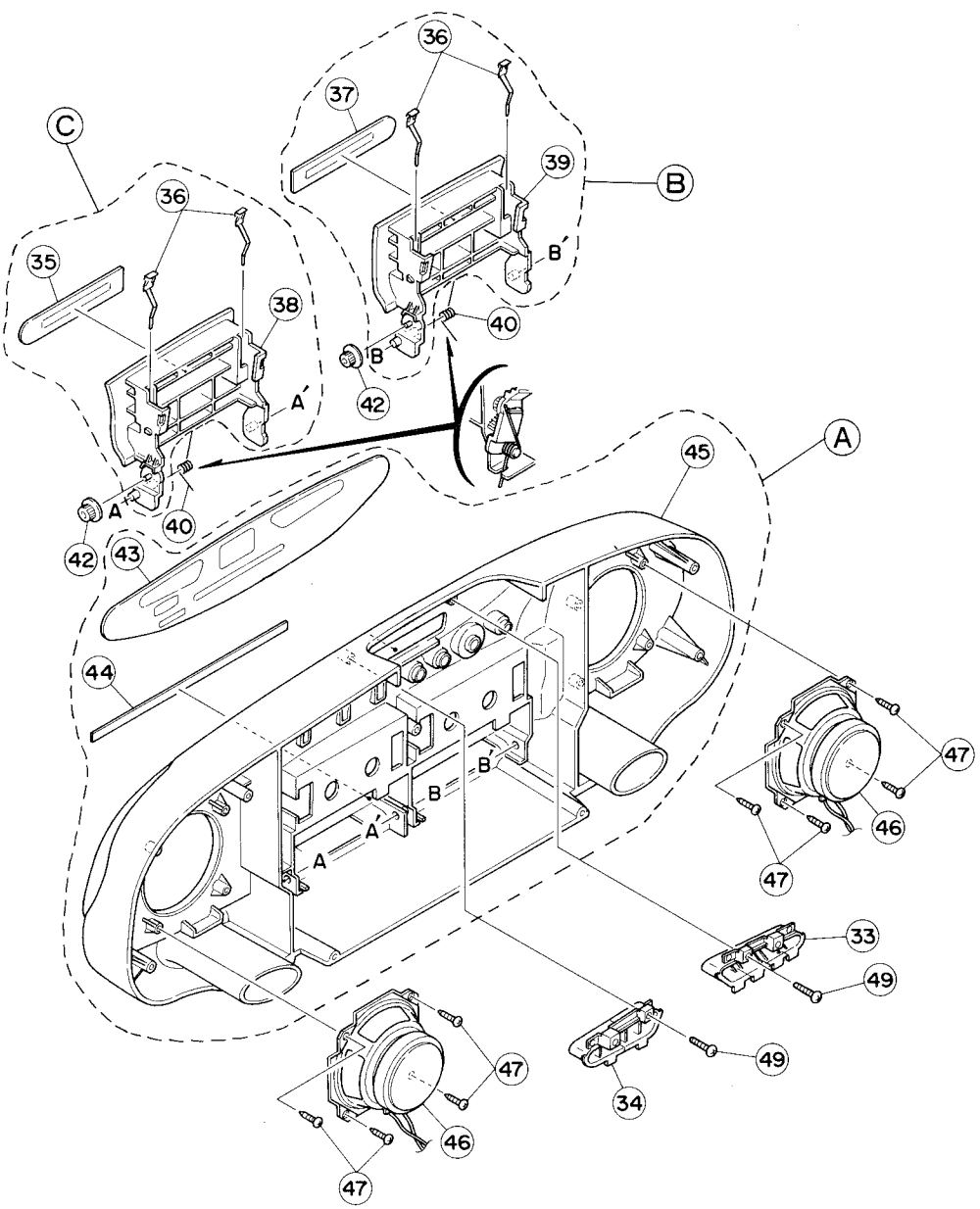

Fig. 4-2

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■ Analytic Drawing (2) Parts List

BLOCK NO. M2MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	A	ZCRCX620K-FBK	F.CABINET ASSY	REF.44,45,48	1		
	B	ZCRCX620-CBKA	C.CASE ASSY(A)	REF.36,37,39	1		
	C	ZCRCX620-CBKB	C.CASE ASSY(B)	REF.35,36,38	1		
	33	VXP3522-001	CD BUTTON(A)		1		
	34	VXP3523-001	CD BUTTON(B)		1		
	35	VJT3331-002	CASSETTE LENS(B	MECHA. B	1		
	36	VKY4180-001	CASSETTE SPRING		2		
		VKY4180-001	CASSETTE SPRING		2		
	37	VJT3331-001	CASSETTE LENS(A	MECHA. A	1		
	38	VJT2303-202	CASSETTE DOOR(B	MECHA.B	1		
	39	VJT2303-001	CASSETTE DOOR(A	MECHA. A	1		
	40	VKW5025-002	DOOR SPRING		1		
		VKW5025-002	DOOR SPRING		1		
	41	SBST3006Z	SCREW		1		
	42	VYH5601-001	GEAR		1		
		VYH5601-001	GEAR		1		
	43	VJK3592-007	DIAL LENS		1		
	44	VJD3940-001	CONTROL PLATE		1		
	45	VJG1143-22B	F CABI ASS'Y		1		
	46	VGS1001-014	SPEAKER		2		
	47	SBSF3012Z	SCREW	SPEAKER	8		
	49	SBSF3010Z	SCREW	CD BUTTON A,B	2		

■ Analytic Drawing (3): Block No. M 3

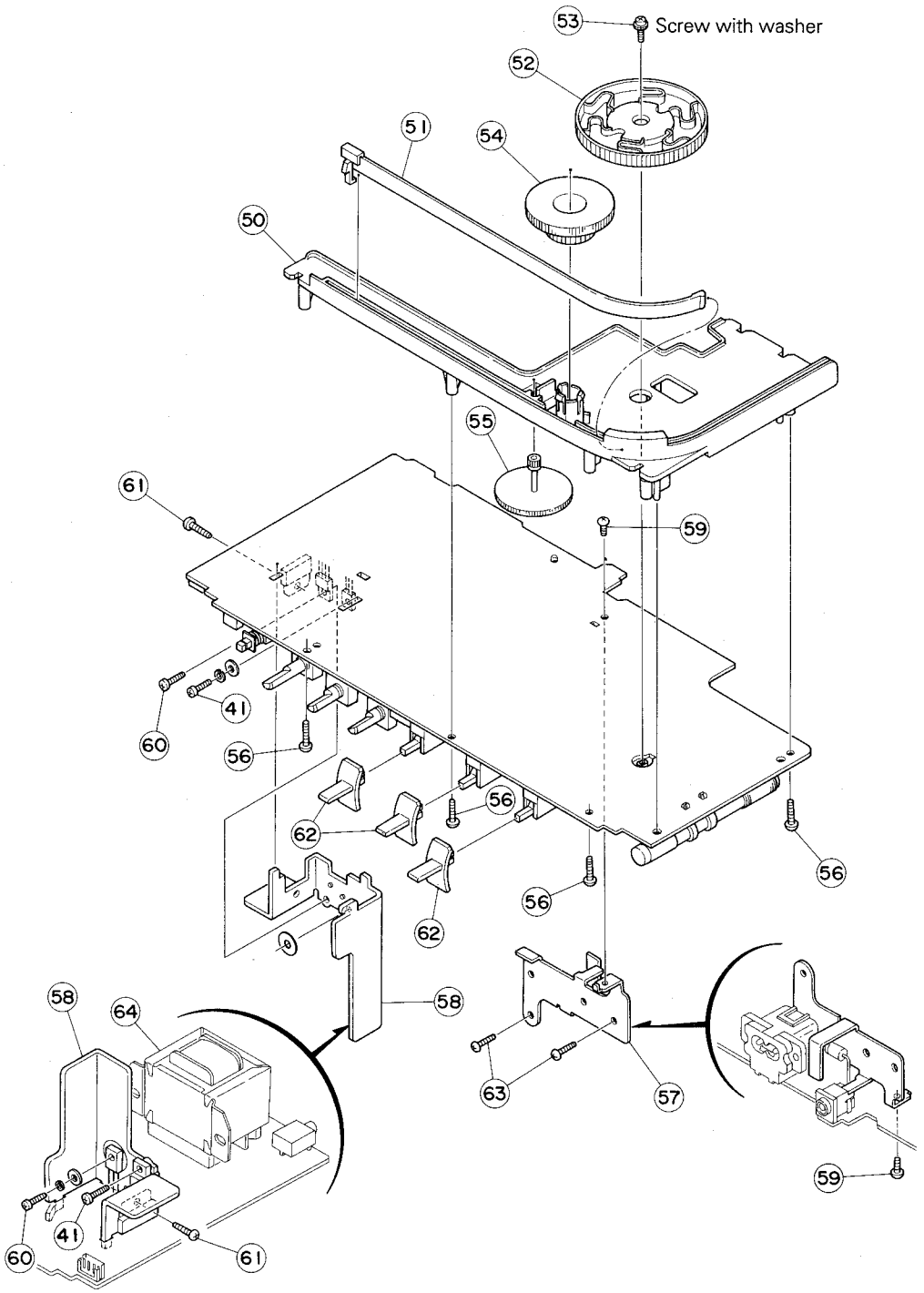


Fig. 4-3

MC-Service

■ Analytic Drawing (3) Parts List

BLOCK NO. M3MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	50	VYH1221-001	TUNER CHASSIS		1		
	51	VJN4142-001	NEEDLE		1		
	52	VKS3592-001	DIAL DRUM		1		
	53	LPSP2606Z	SCREW	DIAL DRAM	1		
	54	VXL4407-001	TUNING KNOB	T.CHASSIS	1		
	55	VXL4408-001	F TUNING KNOB	TUNER CHASSIS S	1		
	56	SBSF3012Z	SCREW	TUNER CHASSIS	4		
	57	VKL7242-002	AC BRACKET		1		
	58	VYH3730-004	HEAT SINK		1		
	59	SBST3006Z	SCREW	AC BRACKET	1		
	60	SBSF3008Z	SCREW	IC+HEAT SINK	1		
	61	DPSP3008Z	SCREW	TR+HEAT SINK	1		
	62	VXQ4111-001	LEVER KNOB	FUNCTION	3		
	63	SBSF3012Z	SCREW	AC BRACKET	2		
⚠	64	VTP57P2-12C	POWER TRANS	T999	1		

■ Analytic Drawing (4): Block No. M 4

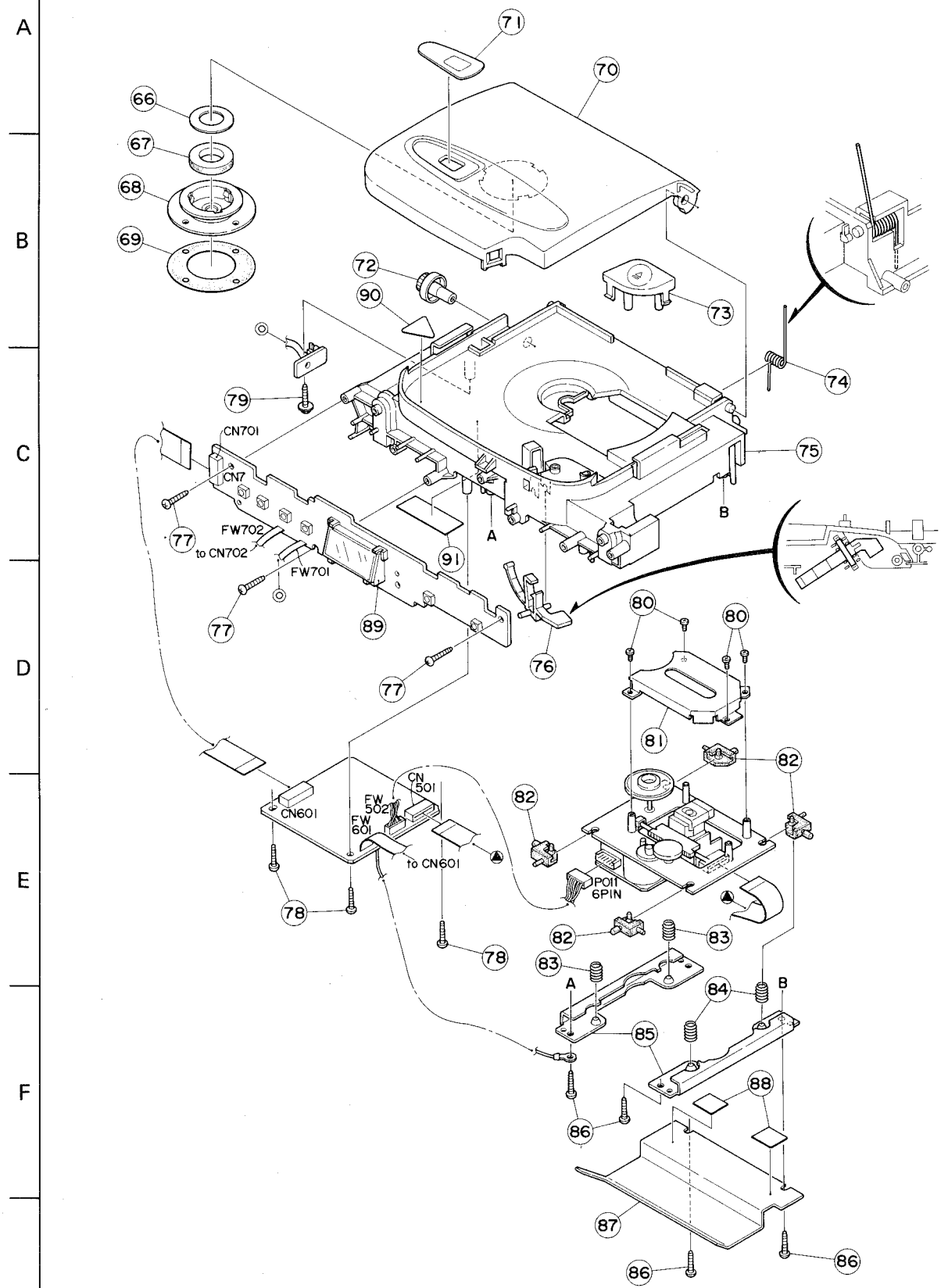


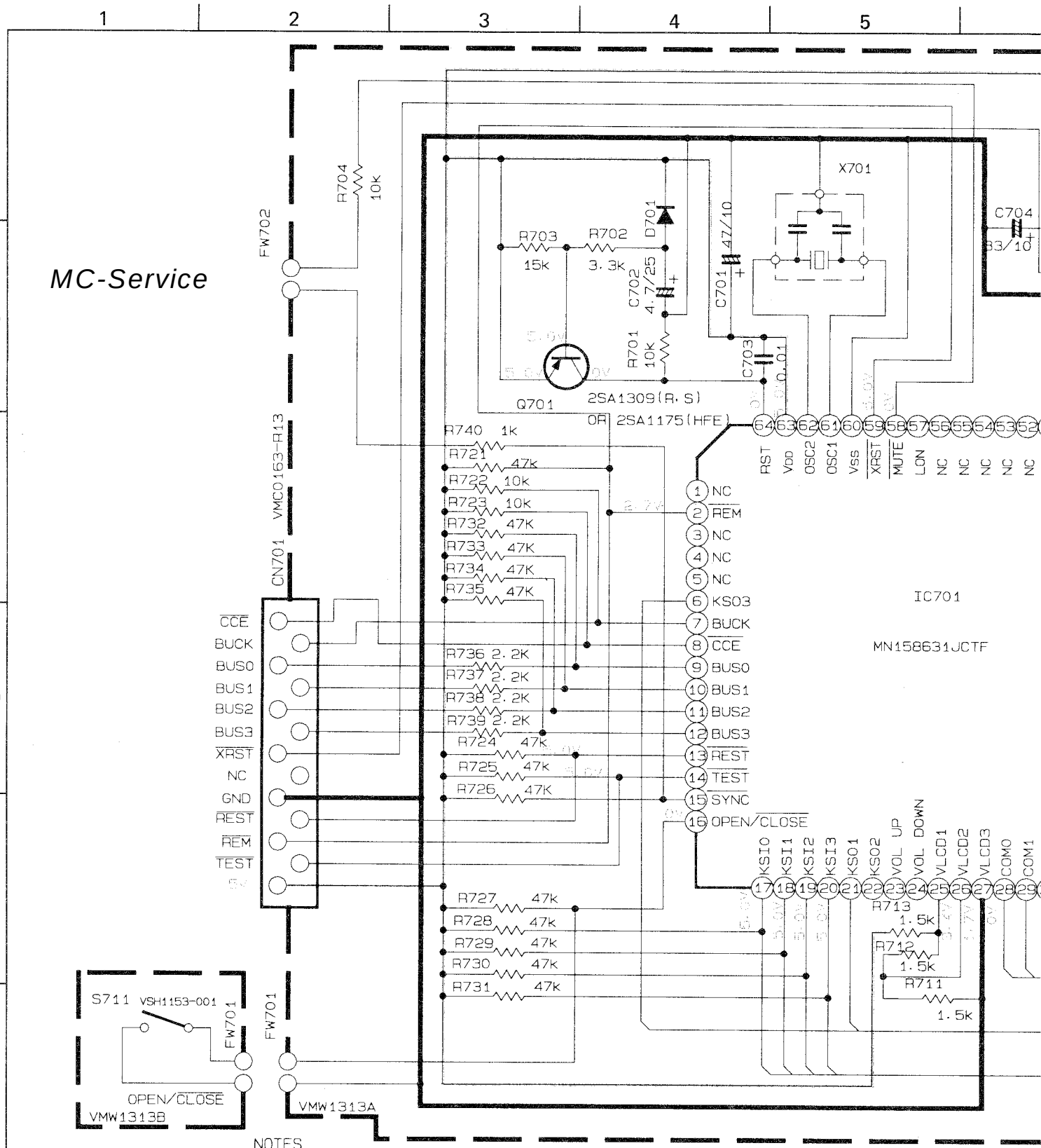
Fig. 4-4

■ Analytic Drawing (4) Parts List

BLOCK NO. M4MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	66	VYH7314-001	YOKE		1		
	67	VYH7313-001R	MAGNET		1		
	68	VYH3644-001	CLAMPER		1		
	69	VYH7315-004	PAD		1		
	70	VJT1052-201	CD DOOR		1		
	71	VJD5415-001	CD LENS		1		
	72	VYH4769-002	GEAR		1		
	73	VXP5160-003	CD EJECT BUTTON		1		
	74	VKW5034-001	CD DOOR SPRING		1		
	75	VJD1167-002	CD CASE		1		
	76	VKS5416-001	LOCK ARM		1		
	77	SBSF3012Z	SCREW	LCD BOARD	3		
	78	SBSF3012Z	SCREW	CD BOARD	3		
	79	E65923-003	T.SCREW	SW BOARD	1		
	80	SDSF2006M	SCREW	PICK COVER	4		
	81	VJD5410-005	PICK COVER		1		
	82	VYH6596-001	CD CUSHION	FOR CD MECHA	4		
	83	VKW4693-101	CONICAL SPRING	CD MECHA	2		
	84	VKW4693-102	CONICAL SPRING	CD MECHA	2		
	85	VKL7209-002	CD MECHA HOLDER		2		
	86	SBSF3012Z	SCREW	CD ASS'Y+CD CAS	4		
	87	VYH7741-001	SHIELD	CD PROTECTOR	1		
	88	VYSA1R6-021	SPACER	FOR SHIELD	2		
	89	VKS5417-001	LCD HOLDER		1		
	91	VND4220-001	LASER CAUTION		1		

5. Standard Schematic Diagram ■ CD Control Circuit: Drawing No. VDH5171-001SW (A



NOTES

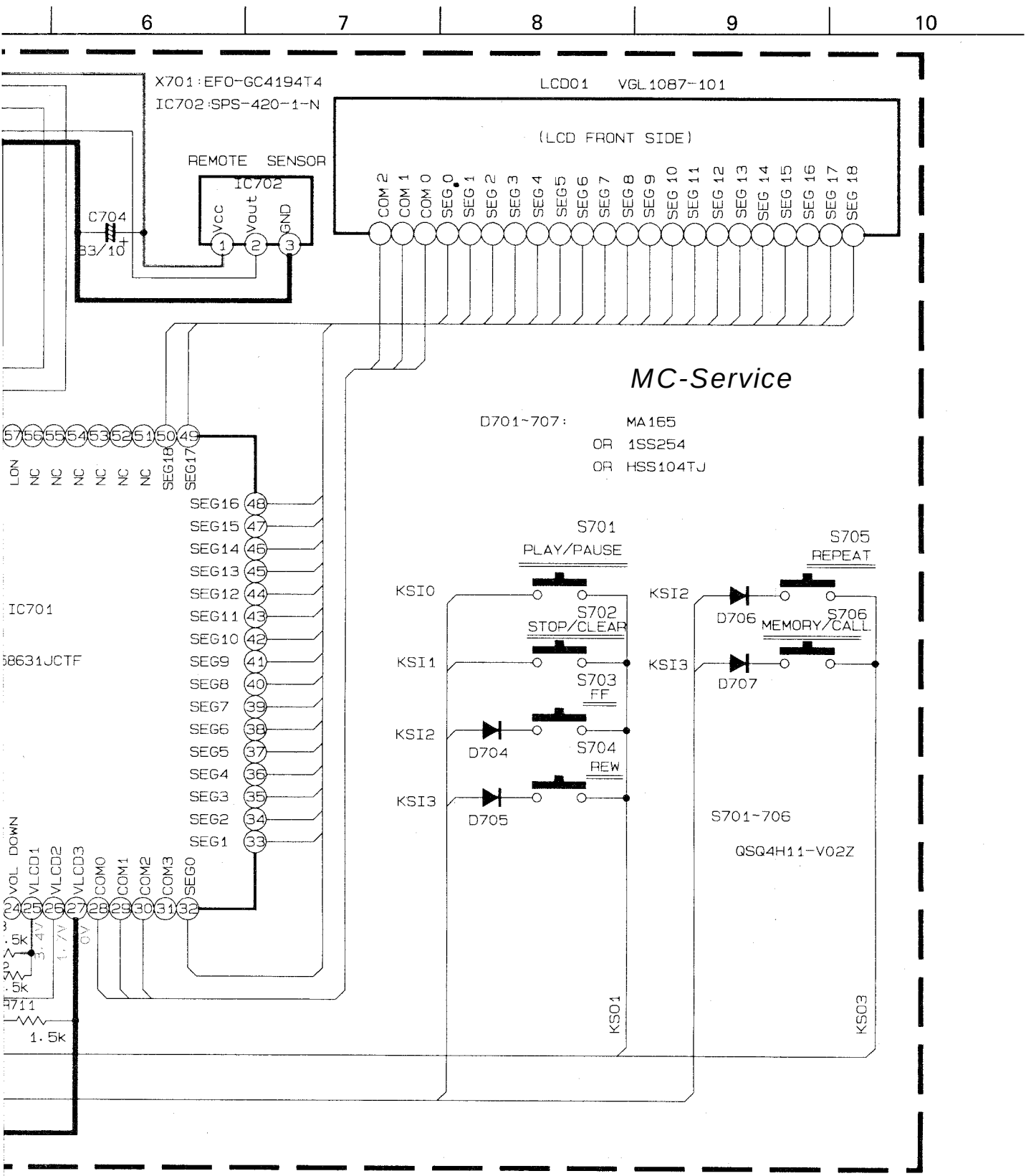
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER IN PLAYBACK

2. UNLESS OTHERWISE SPECIFIED · RESISTORS ARE 1/6W ±5% CARBON RESISTOR.
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL INDUCTANCE VALUES ARE IN μH(m=mH).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).

(UF) UNFLAMMABLE CARBON RESISTOR
(MF) METAL FILM RESISTOR
(OMF) OXIDE METAL FILM RESISTOR
(LL) ±20% LOW LEAK CURRENT ELECTR
(NP) NON-POLARISED ELECTROLYTIC
(PP) POLYPROPYLENE CAPACITOR
(PS) POLYSTYROL CAPACITOR

171-001SW (All version)

Regarding other than the schematic diagram described herein, refer to the Service Manual for Model RC-X520 B/E/G/GI/EN issued previously.



CARBON RESISTOR
RESISTOR
FILM RESISTOR
AK CURRENT ELECTROLYTIC CAPACITOR
ED ELECTROLYTIC CAPACITOR
NE CAPACITOR
CAPACITOR

Fig. 5-1

+B LINE

■ Tuner Circuit: Drawing No. VDH7061-005TW (RC-X620 B/E/EN)

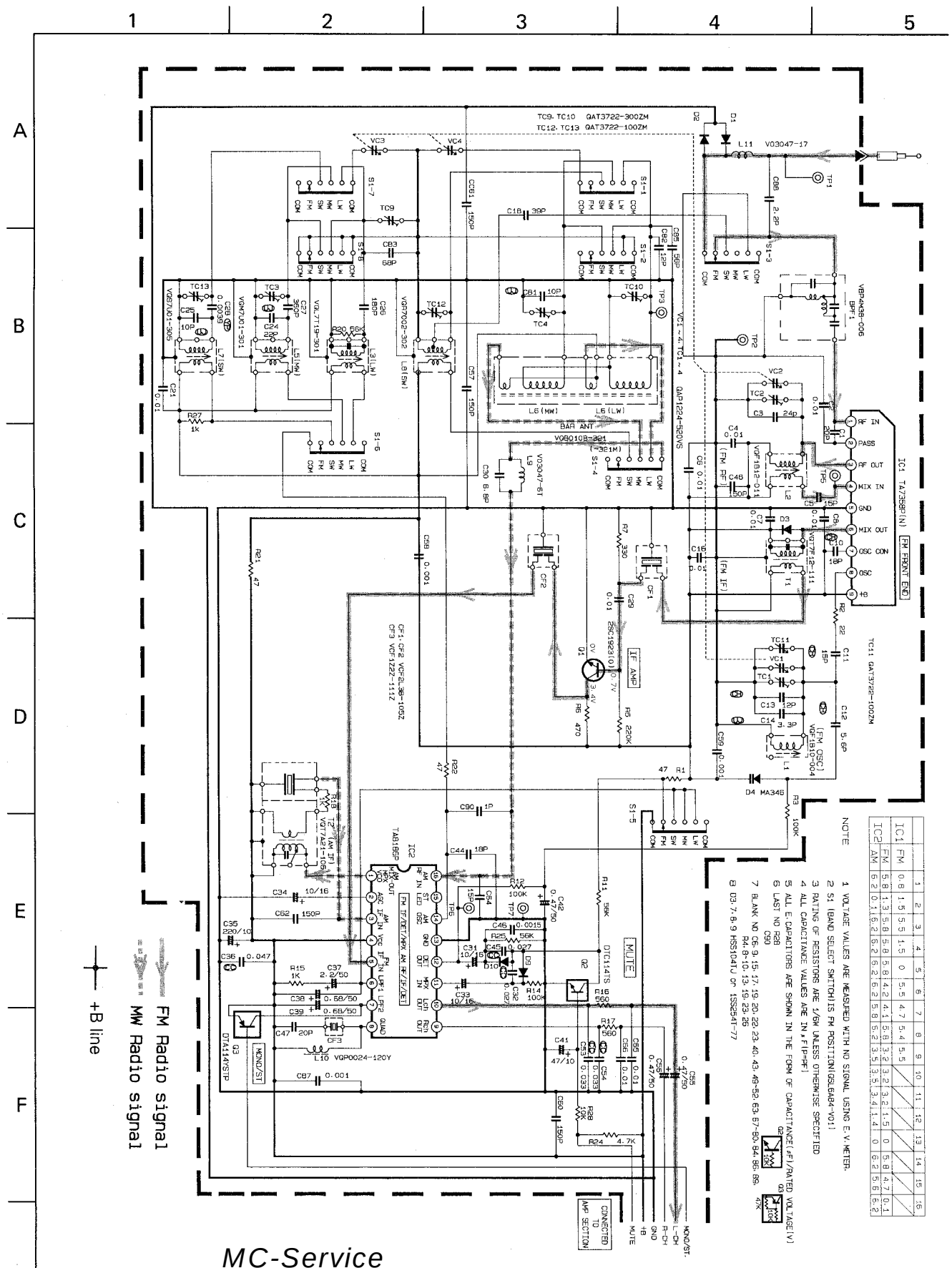


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Fig. 5-2

■ Tuner Circuit: Drawing No. VDH7061-008TW (RC-X620 G/GI)

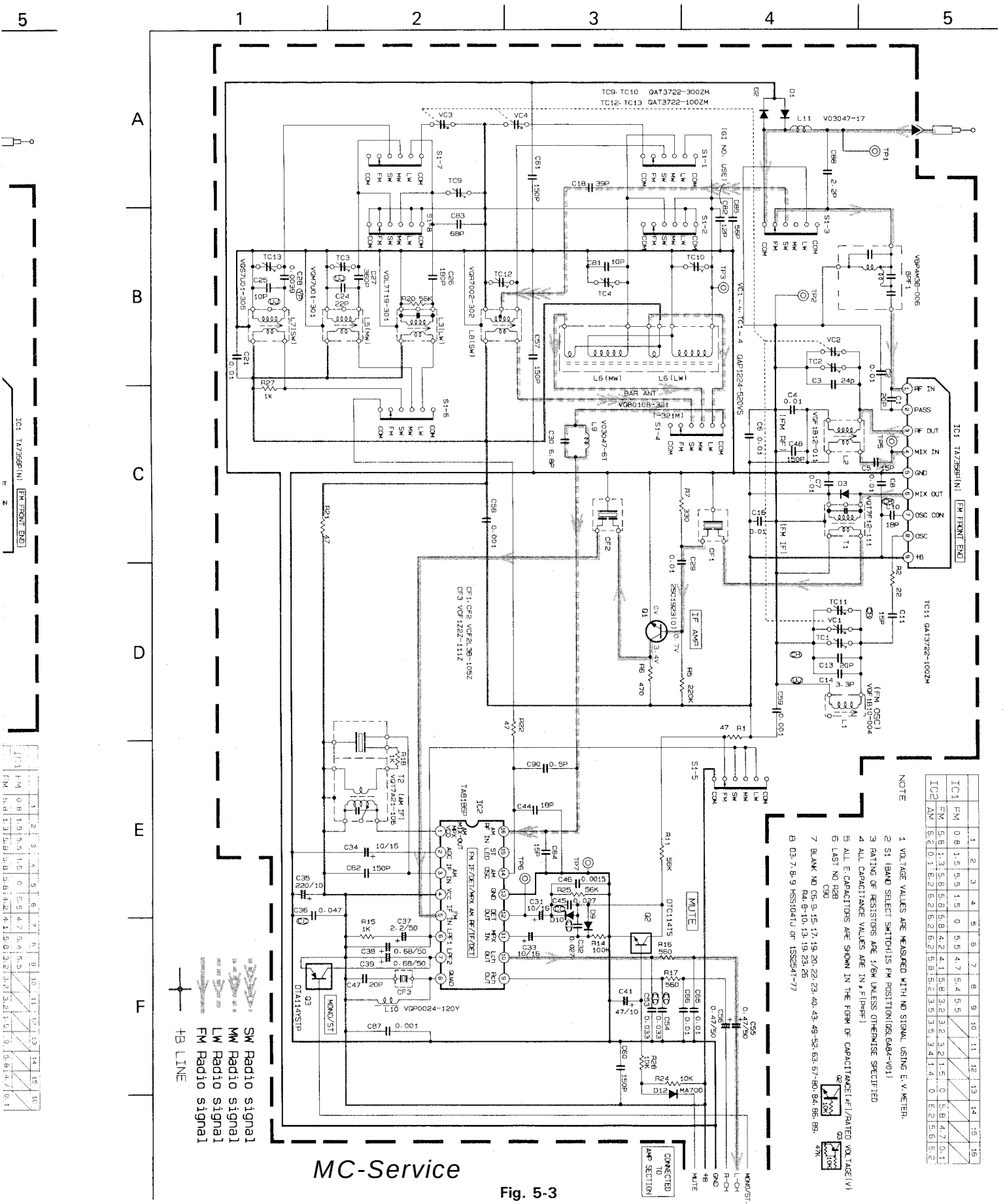
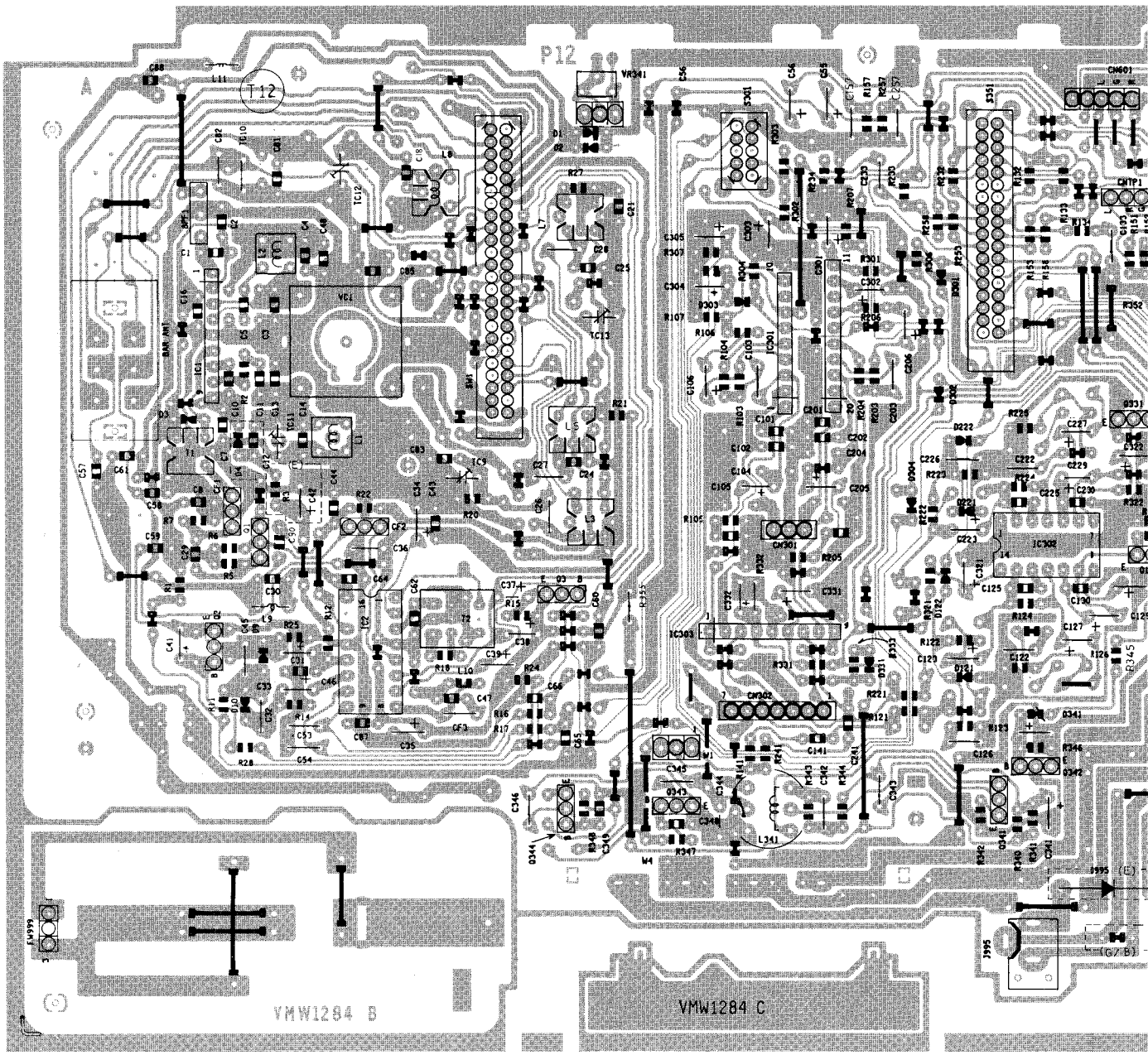


Fig. 5-3

6. Location of P.C. Board Parts

■ **Main P.C. Board: Drawing No. VMW1284-101 (All version) Block No. 0 1**

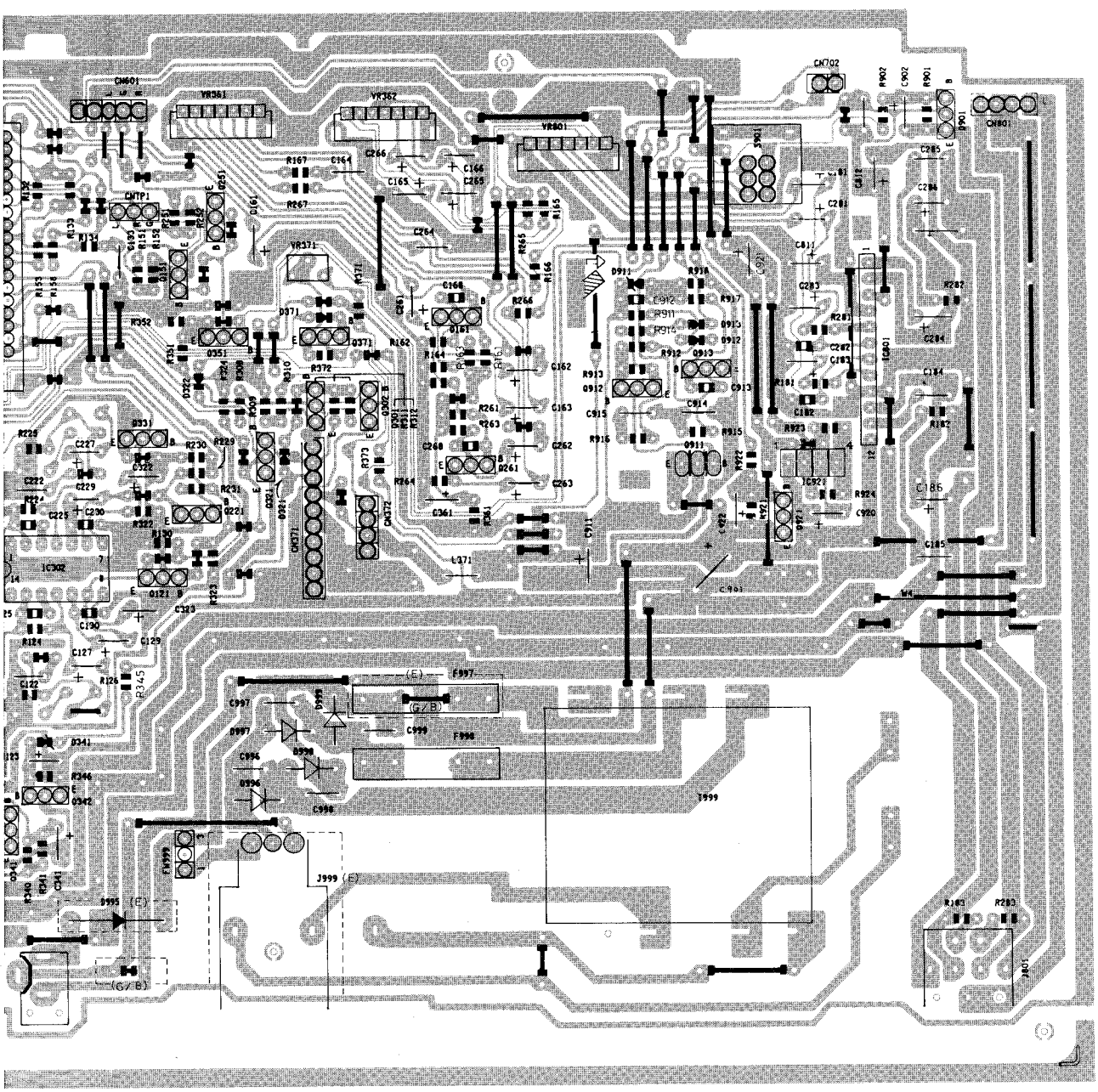


MC-Service

Fig. 6-1

Regarding other than the P.C. board diagram described herein, refer to the Service Manual for Model RC-X520 B/E/G/GI/EN issued previously.

6 7 8 9 10



MC-Service

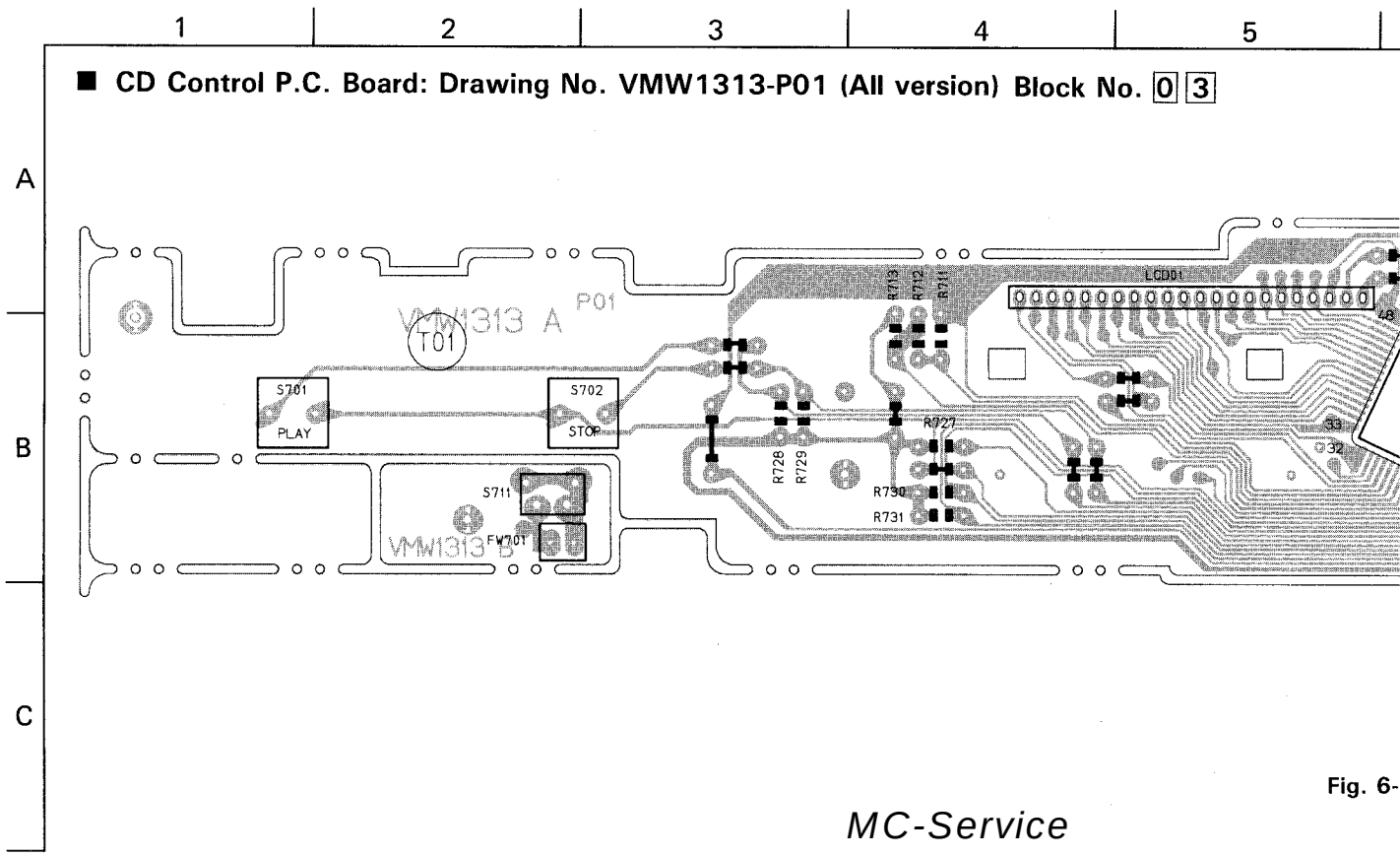


Fig. 6-

7. Electrical Parts List

• Main P.C. Board

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	BPF 1	VBP4M3B-005	BP FILTER		
	C 001	QCS11HJ-200	C CAPACITOR	20PF 5% 50V	
	C 002	QCVB1CN-103Y	C CAPACITOR	.010MF 30% 16V	
	C 003	QCS11HJ-240	C CAPACITOR	24PF 5% 50V	
	C 004	QCVB1CN-103Y	C CAPACITOR	.010MF 30% 16V	
	C 005	QCS11HJ-150	C CAPACITOR	15PF 5% 50V	
	C 007	QCVB1CN-103Y	C CAPACITOR	.010MF 30% 16V	
	C 008	QCVB1CN-103Y	C CAPACITOR	.010MF 30% 16V	
	C 010	QCT30CH-180Y	C.CAPACITOR	18PF 5% 50V	
	C 011	QCT30CH-150Y	C CAPACITOR	15PF 5% 50V	
	C 012	QCT30CH-5R6Y	C CAPACITOR	5.6PF 5% 50V	
	C 013	QCT30CH-120Y	C CAPACITOR	12PF 5% 50V	
	C 014	QCT30UJ-3R3Y	C.CAPACITOR	3.3PF 5% 50V	
	C 016	QCVB1CN-103Y	C CAPACITOR	.010MF 30% 16V	
	C 018	QCS31HJ-390Z	C.CAPACITOR	39PF 5% 50V	
	C 021	QCVB1CN-103Y	C CAPACITOR	.010MF 30% 16V	
	C 024	QCT30UJ-220Y	C.CAPACITOR	22PF 5% 50V	
	C 025	QCT05UJ-100	C.CAPACITOR	10PF 5% 50V	
	C 026	QCS11HJ-181	C.CAPACITOR	180PF 5% 50V	
	C 027	QCS11HJ-361	C.CAPACITOR	360PF 5% 50V	
	C 028	QCY41HK-392	C CAPACITOR	3900PF 10% 50V	
	C 029	QCVB1CN-103Y	C CAPACITOR	.010MF 30% 16V	
	C 030	QCSB1HK-6R8Y	C.CAPACITOR	6.8PF 10% 50V	
	C 031	QETC1CM-106ZN	E CAPACITOR	10MF 20% 16V	
	C 032	QCC31EM-273ZV	C CAPACITOR	.027MF 20% 25V	
	C 033	QETC1CM-106ZN	E CAPACITOR	10MF 20% 16V	
	C 034	QETC1CM-106ZN	E CAPACITOR	10MF 20% 16V	
	C 035	QETC1AM-227ZN	E CAPACITOR	220MF 20% 10V	
	C 036	QCC11EM-473V	C CAPACITOR	.047MF 20% 25V	
	C 037	QETC1HM-225ZN	E CAPACITOR	2.2MF 20% 50V	
	C 038	QETC1HM-684ZN	E.CAPACITOR	.68MF 20% 50V	
	C 039	QETC1HM-684ZN	E.CAPACITOR	.68MF 20% 50V	
	C 041	QETC1AM-476ZN	E CAPACITOR	47MF 20% 10V	
	C 042	QETC1HM-474ZN	E CAPACITOR	.47MF 20% 50V	
	C 044	QCT30CH-180Y	C.CAPACITOR	18PF 5% 50V	
	C 045	QCC31EM-273ZV	C CAPACITOR	.027MF 20% 25V	
	C 046	QCXB1CM-152Y	C CAPACITOR	1500PF 20% 16V	
	C 047	QCS11HJ-200	C CAPACITOR	20PF 5% 50V	
	C 048	QCBB1HK-151Y	C CAPACITOR	150PF 10% 50V	
	C 053	QCC31EM-333ZV	C CAPACITOR	.033MF 20% 25V	
	C 054	QCC31EM-333ZV	C CAPACITOR	.033MF 20% 25V	
	C 055	QETC1HM-474ZN	E CAPACITOR	.47MF 20% 50V	
	C 056	QETC1HM-474ZN	E CAPACITOR	.47MF 20% 50V	
	C 057	QCBB1HK-151Y	C CAPACITOR	150PF 10% 50V	
	C 058	QCBB1HK-102Y	C CAPACITOR	1000PF 10% 50V	
	C 059	QCBB1HK-102Y	C CAPACITOR	1000PF 10% 50V	
	C 060	QCBB1HK-151Y	C CAPACITOR	150PF 10% 50V	
	C 061	QCBB1HK-151Y	C CAPACITOR	150PF 10% 50V	
	C 062	QCBB1HK-151Y	C CAPACITOR	150PF 10% 50V	
	C 064	QCS11HJ-150	C CAPACITOR	15PF 5% 50V	
	C 065	QCVB1CN-103Y	C CAPACITOR	.010MF 30% 16V	
	C 066	QCVB1CN-103Y	C CAPACITOR	.010MF 30% 16V	
	C 081	QCS11HJ-100	C CAPACITOR	10PF 5% 50V	
	C 082	QCS11HJ-120	C CAPACITOR	12PF 5% 50V	
	C 083	QCS11HJ-680	C CAPACITOR	68PF 5% 50V	

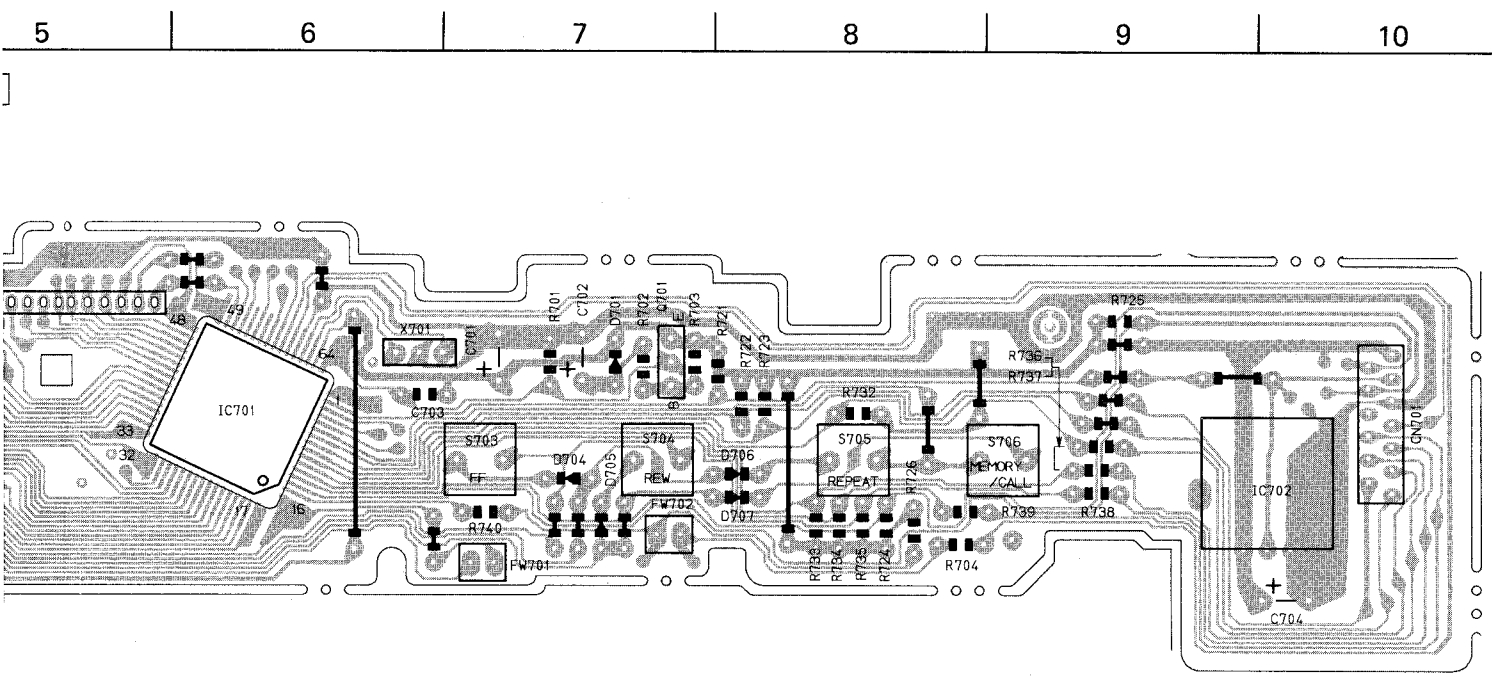


Fig. 6-2

MC-Service

BLOCK NO. 01

REF. NO.	PARTS NAME	REMARKS	SUFFIX
C 085	QCS11HJ-560	C.CAPACITOR	56PF 5% 50V
C 087	QCBB1HK-102Y	C CAPACITOR	1000PF 10% 50V
C 088	QCSB1HK-2R2Y	C CAPACITOR	2.2PF 10% 50V
C 090	QCSB1HM-1ROY	C CAPACITOR	1.0PF 20% 50V
C 101	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V
C 102	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V
C 103	QFLC1HJ-123ZM	M CAPACITOR	.012MF 5% 50V
C 105	QETC1AM-476ZN	E CAPACITOR	47MF 20% 10V
C 106	QETC1HM-335Z	E CAPACITOR	3.3MF 20% 50V
C 107	QCBB1HK-151Y	C CAPACITOR	150PF 10% 50V
C 122	QCC11EM-473V	C CAPACITOR	.047MF 20% 25V
C 123	QETC1HM-335ZN	E CAPACITOR	3.3MF 20% 50V
C 125	QCS11HJ-200	C CAPACITOR	20PF 5% 50V
C 126	QCC11EM-104V	C CAPACITOR	.10MF 20% 25V
C 127	QETC1CM-226ZN	E CAPACITOR	22MF 20% 16V
C 129	QETC1HM-475ZN	E CAPACITOR	4.7MF 20% 50V
C 130	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V
C 133	QFLC1HJ-223ZM	M CAPACITOR	.022MF 5% 50V
C 141	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V
C 157	QCVB1CN-103Y	C CAPACITOR	.010MF 30% 16V
C 161	QETC1HM-335ZN	E CAPACITOR	3.3MF 20% 50V
C 162	QETC1HM-225ZN	E CAPACITOR	2.2MF 20% 50V
C 163	QETC1HM-475ZN	E CAPACITOR	4.7MF 20% 50V
C 164	QCC31EM-333ZV	C CAPACITOR	.033MF 20% 25V
C 165	QFV11HJ-394ZN	TF CAPACITOR	.39MF 5% 50V
C 166	QETC1HM-474ZN	E CAPACITOR	.47MF 20% 50V
C 168	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V
C 181	QEK41EM-475	E.CAPACITOR	4.7MF 20% 25V
C 182	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V
C 183	QER61AM-476ZM	E CAPACITOR	47MF 20% 10V
C 184	QETC1AM-107ZN	E CAPACITOR	100MF 20% 10V
C 185	QCC11EM-104V	C CAPACITOR	.10MF 20% 25V
C 186	QETC1AM-108ZN	E CAPACITOR	1000MF 20% 10V
C 201	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V
C 202	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V
C 203	QFLC1HJ-123ZM	M CAPACITOR	.012MF 5% 50V
C 205	QETC1AM-476ZN	E CAPACITOR	47MF 20% 10V
C 206	QETC1HM-335Z	E CAPACITOR	3.3MF 20% 50V
C 207	QCBB1HK-151Y	C CAPACITOR	150PF 10% 50V
C 222	QCC11EM-473V	C CAPACITOR	.047MF 20% 25V
C 223	QETC1HM-335ZN	E CAPACITOR	3.3MF 20% 50V
C 225	QCS11HJ-200	C CAPACITOR	20PF 5% 50V
C 226	QCC11EM-104V	C CAPACITOR	.10MF 20% 25V
C 227	QETC1CM-226ZN	E CAPACITOR	22MF 20% 16V
C 229	QETC1HM-475ZN	E CAPACITOR	4.7MF 20% 50V
C 230	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V
C 233	QFLC1HJ-223ZM	M CAPACITOR	.022MF 5% 50V
C 241	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V
C 257	QCVB1CN-103Y	C CAPACITOR	.010MF 30% 16V
C 261	QETC1HM-335ZN	E CAPACITOR	3.3MF 20% 50V
C 262	QETC1HM-225ZN	E CAPACITOR	2.2MF 20% 50V
C 263	QETC1HM-475ZN	E CAPACITOR	4.7MF 20% 50V
C 264	QCC31EM-333ZV	C CAPACITOR	.033MF 20% 25V
C 265	QFV11HJ-394ZN	TF CAPACITOR	.39MF 5% 50V
C 266	QETC1HM-474ZN	E CAPACITOR	.47MF 20% 50V

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C 268	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C 281	QEK41EM-475	E.CAPACITOR	4.7MF 20% 25V	
	C 282	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C 283	QER61AM-476ZM	E CAPACITOR	47MF 20% 10V	
	C 284	QETC1AM-107ZN	E CAPACITOR	100MF 20% 10V	
	C 285	QCC11EM-104V	C CAPACITOR	.10MF 20% 25V	
	C 286	QETC1AM-108ZN	E CAPACITOR	1000MF 20% 10V	
	C 301	QETC1AM-476ZN	E CAPACITOR	47MF 20% 10V	
	C 302	QETC1CM-226ZN	E CAPACITOR	22MF 20% 16V	
	C 303	QETC1HM-475ZN	E CAPACITOR	4.7MF 20% 50V	
	C 304	QETC1HM-475ZN	E CAPACITOR	4.7MF 20% 50V	
	C 305	QETC1HM-475ZN	E CAPACITOR	4.7MF 20% 50V	
	C 321	QETC1AM-476ZN	E CAPACITOR	47MF 20% 10V	
	C 322	QETC1CM-226ZS	E CAPACITOR	22MF 20% 16V	
	C 323	QETC1AM-476ZN	E CAPACITOR	47MF 20% 10V	
	C 331	QETC1AM-227ZN	E CAPACITOR	220MF 20% 10V	
	C 332	QETC1HM-105ZN	E CAPACITOR	1.0MF 20% 50V	
	C 341	QETC1HM-475ZN	E CAPACITOR	4.7MF 20% 50V	
	C 342	QFLC1HJ-682ZM	M CAPACITOR	6800PF 5% 50V	
	C 343	QFLC1HJ-153ZM	M CAPACITOR	.015MF 5% 50V	
	C 344	QFLC1HJ-273ZM	M CAPACITOR	.027MF 5% 50V	
	C 345	QCY41HK-182	C CAPACITOR	1800PF 10% 50V	
	C 346	QFLC1HJ-682ZM	M CAPACITOR	6800PF 5% 50V	
	C 348	QCBB1HK-102Y	C CAPACITOR	1000PF 10% 50V	
	C 349	QCBB1HK-102Y	C CAPACITOR	1000PF 10% 50V	
	C 361	QETC1AM-476ZN	E CAPACITOR	47MF 20% 10V	
	C 811	QETC1AM-227ZN	E CAPACITOR	220MF 20% 10V	
	C 812	QETC1EM-107ZN	E CAPACITOR	100MF 20% 25V	
⚠	C 901	QETB1EM-338N	E CAPACITOR	3300MF 20% 25V	
	C 902	QETC1AM-227ZN	E CAPACITOR	220MF 20% 10V	
	C 911	QETB1AM-477	E.CAPACITOR	470MF 20% 10V	
	C 912	QCVB1CM-103Y	C CAPACITOR	.010MF 20% 16V	
	C 913	QCBB1HK-102Y	C CAPACITOR	1000PF 10% 50V	
	C 914	QCC11EM-683V	C CAPACITOR	.068MF 20% 25V	
	C 915	QCC11EM-683V	C CAPACITOR	.068MF 20% 25V	
	C 920	QEK41EM-335	E CAPACITOR	3.3MF 20% 25V	
	C 921	QETC1HM-475ZN	E CAPACITOR	4.7MF 20% 50V	
	C 922	QETC1AM-107ZN	E CAPACITOR	100MF 20% 10V	
	C 996	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C 997	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C 998	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	C 999	QFV41HJ-104	TF CAPACITOR	.10MF 5% 50V	
	CF 01	VCF2L3B-105	C FILTER		
	CF 02	VCF2L3B-105	C FILTER		
	CF 03	VCF1Z2Z-111Z	C FILTER		
	CNTP1	TTL25V-003	CONNECTOR		
	CN301	QMV5011-003	CONNECTOR		
	CN302	QMV5011-007	CONNECTOR		
	CN371	TTL25V-010	CONNECTOR	MAIN TO AB MECH	
	CN372	EMV7112-004	SOCKET	MAIN TO MOTOR	
	CN601	EMV7112-005	SOCKET	TO CD CN	
	CN603	EMV7112-005	SOCKET	TO CD CN	
	CN702	VMC0107-002	CONNECTOR		
	CN801	TTL25V-004	CONNECTOR		
	D 001	HSS104TJ	SI DIODE		

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	D 002	HSS104TJ	SI DIODE		
	D 003	HSS104TJ	SI DIODE		
	D 004	MA346	VC DIODE	FM AFC	
	D 009	HSS104TJ	SI DIODE		
	D 010	HSS104TJ	SI DIODE		
	D 012	MA700	ZENER DIODE		
	D 121	HSS104TJ	SI DIODE		
	D 122	HSS104TJ	SI DIODE		
	D 221	HSS104TJ	SI DIODE		
	D 222	HSS104TJ	SI DIODE		
	D 301	HSS104TJ	SI DIODE		
	D 302	HSS104TJ	SI DIODE		
	D 303	HSS104TJ	SI DIODE		
	D 304	HSS104TJ	SI DIODE		
	D 321	HSS104TJ	SI DIODE		
	D 322	HSS104TJ	SI DIODE		
	D 331	HSS104TJ	SI DIODE		
	D 341	MA4039(H)	Z DIODE		
	D 371	HSS104TJ	SI DIODE		
	D 911	MA4062(H)TA	Z DIODE		
	D 912	HSS104TJ	SI DIODE		
	D 913	HSS104TJ	SI DIODE		
⚠	D 995	1N5401M	DIODE		
	D 996	1N5401VL	SI DIODE		
	D 997	1N5401VL	SI DIODE		
⚠	D 998	1N5401VL	SI DIODE		
⚠	D 999	1N5401VL	SI DIODE		
⚠	F 997	QMF51E2-3R15J1	FUSE		
⚠	F 998	QMF51E2-3R15J1	FUSE		
	IC 01	TA7358P(N)	IC	FM FRONT END	
	IC 02	TA8186P	IC	FM AMIF	
	IC301	LA3246	IC		
	IC302	LA3220	IC		
	IC303	BA3126N	IC		
⚠	IC801	TA8207K	IC		
⚠	IC921	PQ30RV1	IC	CD REG	
	J 801	VMJ4024-001	JACK	H.P JACK	
	J 995	QMA431B-V01	DC JACK		
	J 999	QMC0263-004	AC SOCKET		
	L 001	VQF1B10-004	OSC COIL	FM OSC	
	L 002	VQF1B12-011	RF COIL	FM RF	
	L 003	VQL7T19-301	OSC COIL		
	L 004	VQB010B-321	BAR ANTENNA	AM RF	
	L 005	VQM7U01-301	OSC COIL	AM OSC	
	L 007	VQS7U01-305	OSC COIL		
	L 008	VQR7002-302	RF COIL		
	L 009	V03047-6	COIL	FM DET	
	L 010	VQP0024-120Y	INDUCTOR		
	L 011	V03047-17	COIL		
	L 341	VQH1009-026	OSC COIL		
	L 371	VQP0028-100Z	INDUCTOR		
	Q 001	2SC1923(O)	TRANSISTOR	FM IF AMP	
	Q 002	DTC114TS	TRANSISTOR	MUTE	
	Q 003	DTA114YS	TRANSISTOR	MONO ST	
	Q 121	UN4215TA	TRANSISTOR	REC MUTE	

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	Q 151	UN4215TA	TRANSISTOR	CD MUTE	
	Q 161	2SC945L(P,Q)	TRANSISTOR		
	Q 221	UN4215TA	TRANSISTOR	REC MUTE	
	Q 251	UN4215TA	TRANSISTOR	CD MUTE	
	Q 261	2SC945L(P,Q)	TRANSISTOR		
	Q 301	2SA1409(L)-T	TRANSISTOR		
	Q 302	UN4214	TRANSISTOR		
	Q 321	UN4214	TRANSISTOR	REC MUTE CONT	
	Q 331	UN4214	TRANSISTOR	ALC SW	
	Q 341	2SC2785(HFE)	TRANSISTOR		
	Q 342	2SC2785(HFE)	TRANSISTOR		
	Q 343	2SC2785(HFE)	TRANSISTOR		
	Q 344	2SC2785(HFE)	TRANSISTOR		
	Q 351	2SA1409(L)-T	TRANSISTOR	CD MUTE CONT	
	Q 371	2SA952(L,K)	TRANSISTOR		
	Q 901	2SA952(L,K)	TRANSISTOR	POWER SW	
⚠	Q 911	2SB772(Q,P)	TRANSISTOR	AMP MOTOR REG	
	Q 912	2SC2785(HFE)	TRANSISTOR		
	Q 913	2SC2785(HFE)	TRANSISTOR		
⚠	Q 921	2SB772(Q,P)	TRANSISTOR		
	R 001	QRD161J-470	CARBON RESISTOR	47 5% 1/6W	
	R 002	QRD161J-220	CARBON RESISTOR	22 5% 1/6W	
	R 003	QRD161J-104	CARBON RESISTOR	100K 5% 1/6W	
	R 005	QRD161J-224	CARBON RESISTOR	220K 5% 1/6W	
	R 006	QRD161J-471	CARBON RESISTOR	470 5% 1/6W	
	R 007	QRD161J-331	CARBON RESISTOR	330 5% 1/6W	
	R 011	QRD161J-563	CARBON RESISTOR	56K 5% 1/6W	
	R 012	QRD161J-104	CARBON RESISTOR	100K 5% 1/6W	
	R 014	QRD161J-104	CARBON RESISTOR	100K 5% 1/6W	
	R 015	QRD161J-102	CARBON RESISTOR	1.0K 5% 1/6W	
	R 016	QRD161J-561	CARBON RESISTOR	560 5% 1/6W	
	R 017	QRD161J-561	CARBON RESISTOR	560 5% 1/6W	
	R 018	QRD161J-102	CARBON RESISTOR	1.0K 5% 1/6W	
	R 020	QRD161J-563	CARBON RESISTOR	56K 5% 1/6W	
	R 021	QRD161J-470	CARBON RESISTOR	47 5% 1/6W	
	R 022	QRD161J-470	CARBON RESISTOR	47 5% 1/6W	
	R 024	QRD161J-103	CARBON RESISTOR	10K 5% 1/6W	
	R 025	QRD161J-563	CARBON RESISTOR	56K 5% 1/6W	
	R 027	QRD161J-102	CARBON RESISTOR	1.0K 5% 1/6W	
	R 028	QRD161J-103	CARBON RESISTOR	10K 5% 1/6W	
	R 103	QRD161J-153	CARBON RESISTOR	15K 5% 1/6W	
	R 104	QRD161J-183	CARBON RESISTOR	18K 5% 1/6W	
	R 105	QRD161J-101	CARBON RESISTOR	100 5% 1/6W	
	R 106	QRD161J-272	CARBON RESISTOR	2.7K 5% 1/6W	
	R 107	QRD161J-223	CARBON RESISTOR	22K 5% 1/6W	
	R 121	QRD161J-223	CARBON RESISTOR	22K 5% 1/6W	
	R 122	QRD161J-681	CARBON RESISTOR	680 5% 1/6W	
	R 123	QRD161J-222	CARBON RESISTOR	2.2K 5% 1/6W	
	R 124	QRD161J-823	CARBON RESISTOR	82K 5% 1/6W	
	R 125	QRD161J-561	CARBON RESISTOR	560 5% 1/6W	
	R 130	QRD167J-562	CARBON RESISTOR	5.6K 5% 1/6W	
	R 132	QRD161J-223	CARBON RESISTOR	22K 5% 1/6W	
	R 133	QRD161J-223	CARBON RESISTOR	22K 5% 1/6W	
	R 134	QRD161J-102	CARBON RESISTOR	1.0K 5% 1/6W	
	R 141	QRD161J-222	CARBON RESISTOR	2.2K 5% 1/6W	

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R 151	QRD161J-822	CARBON RESISTOR	8.2K 5% 1/6W	
	R 152	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 153	QRD161J-223	CARBON RESISTOR	22K 5% 1/6W	
	R 157	QRD161J-392	CARBON RESISTOR	3.9K 5% 1/6W	
	R 158	QRD161J-223	CARBON RESISTOR	22K 5% 1/6W	
	R 161	QRD167J-562	CARBON RESISTOR	5.6K 5% 1/6W	
	R 162	QRD161J-472	CARBON RESISTOR	4.7K 5% 1/6W	
	R 163	QRD161J-103	CARBON RESISTOR	10K 5% 1/6W	
	R 164	QRD167J-682	CARBON RESISTOR	6.8K 5% 1/6W	
	R 165	QRD161J-102	CARBON RESISTOR	1.0K 5% 1/6W	
	R 166	QRD161J-162YT	C RESISTOR	1.6K 5% 1/6W	
	R 167	QRD161J-391	CARBON RESISTOR	390 5% 1/6W	
	R 181	QRD161J-181	CARBON RESISTOR	180 5% 1/6W	
	R 182	QRD161J-2R2	CARBON RESISTOR	2.2 5% 1/6W	
	R 183	QRD161J-151	CARBON RESISTOR	150 5% 1/6W	
	R 203	QRD161J-153	CARBON RESISTOR	15K 5% 1/6W	
	R 204	QRD161J-183	CARBON RESISTOR	18K 5% 1/6W	
	R 205	QRD161J-101	CARBON RESISTOR	100 5% 1/6W	
	R 206	QRD161J-272	CARBON RESISTOR	2.7K 5% 1/6W	
	R 207	QRD161J-223	CARBON RESISTOR	22K 5% 1/6W	
	R 221	QRD161J-223	CARBON RESISTOR	22K 5% 1/6W	
	R 222	QRD161J-681	CARBON RESISTOR	680 5% 1/6W	
	R 223	QRD161J-222	CARBON RESISTOR	2.2K 5% 1/6W	
	R 224	QRD161J-823	CARBON RESISTOR	82K 5% 1/6W	
	R 225	QRD161J-561	CARBON RESISTOR	560 5% 1/6W	
	R 230	QRD167J-562	CARBON RESISTOR	5.6K 5% 1/6W	
	R 232	QRD161J-223	CARBON RESISTOR	22K 5% 1/6W	
	R 233	QRD161J-223	CARBON RESISTOR	22K 5% 1/6W	
	R 234	QRD161J-102	CARBON RESISTOR	1.0K 5% 1/6W	
	R 241	QRD161J-222	CARBON RESISTOR	2.2K 5% 1/6W	
	R 251	QRD161J-822	CARBON RESISTOR	8.2K 5% 1/6W	
	R 252	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 253	QRD161J-223	CARBON RESISTOR	22K 5% 1/6W	
	R 257	QRD161J-392	CARBON RESISTOR	3.9K 5% 1/6W	
	R 258	QRD161J-223	CARBON RESISTOR	22K 5% 1/6W	
	R 261	QRD167J-562	CARBON RESISTOR	5.6K 5% 1/6W	
	R 262	QRD161J-472	CARBON RESISTOR	4.7K 5% 1/6W	
	R 263	QRD161J-103	CARBON RESISTOR	10K 5% 1/6W	
	R 264	QRD167J-682	CARBON RESISTOR	6.8K 5% 1/6W	
	R 265	QRD161J-102	CARBON RESISTOR	1.0K 5% 1/6W	
	R 266	QRD161J-162YT	C RESISTOR	1.6K 5% 1/6W	
	R 267	QRD161J-391	CARBON RESISTOR	390 5% 1/6W	
	R 281	QRD161J-181	CARBON RESISTOR	180 5% 1/6W	
	R 282	QRD161J-2R2	CARBON RESISTOR	2.2 5% 1/6W	
	R 283	QRD161J-151	CARBON RESISTOR	150 5% 1/6W	
	R 301	QRD161J-101	CARBON RESISTOR	100 5% 1/6W	
	R 302	QRD161J-393	CARBON RESISTOR	39K 5% 1/6W	
	R 303	QRD161J-103	CARBON RESISTOR	10K 5% 1/6W	
	R 304	QRD161J-124	CARBON RESISTOR	120K 5% 1/6W	
	R 306	QRD161J-333	CARBON RESISTOR	33K 5% 1/6W	
	R 307	QRD161J-274	CARBON RESISTOR	270K 5% 1/6W	
	R 308	QRD161J-333	CARBON RESISTOR	33K 5% 1/6W	
	R 309	QRD161J-392	CARBON RESISTOR	3.9K 5% 1/6W	
	R 310	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 311	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	

BLOCK NO. 01

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	R 312	QRD161J-224	CARBON RESISTOR	220K 5% 1/6W	
	R 321	QRD167J-121	CARBON RESISTOR	120 5% 1/6W	
	R 322	QRD161J-475	CARBON RESISTOR	4.7M 5% 1/6W	
	R 323	QRD161J-104	CARBON RESISTOR	100K 5% 1/6W	
	R 324	QRD161J-182	CARBON RESISTOR	1.8K 5% 1/6W	
	R 331	QRD161J-680	CARBON RESISTOR	68 5% 1/6W	
	R 332	QRD161J-123	CARBON RESISTOR	12K 5% 1/6W	
	R 333	QRD161J-103	CARBON RESISTOR	10K 5% 1/6W	
	R 340	QRD161J-820	CARBON RESISTOR	82 5% 1/6W	
	R 341	QRD161J-101	CARBON RESISTOR	100 5% 1/6W	
	R 342	QRD161J-3R3	CARBON RESISTOR	3.3 5% 1/6W	
	R 343	QRD161J-123	CARBON RESISTOR	12K 5% 1/6W	
	R 344	QRD161J-101	CARBON RESISTOR	100 5% 1/6W	
	R 345	QRD161J-821	CARBON RESISTOR	820 5% 1/6W	
	R 346	QRD161J-103	CARBON RESISTOR	10K 5% 1/6W	
	R 347	QRD161J-182	CARBON RESISTOR	1.8K 5% 1/6W	
	R 348	QRD161J-122	C RESISTOR	1.2K 5% 1/6W	
	R 351	QRD161J-331	CARBON RESISTOR	330 5% 1/6W	
	R 352	QRD161J-561	CARBON RESISTOR	560 5% 1/6W	
	R 355	QRD161J-470	CARBON RESISTOR	47 5% 1/6W	
	R 361	QRD161J-102	CARBON RESISTOR	1.0K 5% 1/6W	
	R 371	QRD161J-390	C RESISTOR	39 5% 1/6W	
	R 372	QRD161J-272	CARBON RESISTOR	2.7K 5% 1/6W	
	R 373	QRD161J-104	CARBON RESISTOR	100K 5% 1/6W	
	R 901	QRD161J-272	CARBON RESISTOR	2.7K 5% 1/6W	
	R 902	QRD161J-272	CARBON RESISTOR	2.7K 5% 1/6W	
	R 911	QRD161J-472	CARBON RESISTOR	4.7K 5% 1/6W	
	R 912	QRD161J-331	CARBON RESISTOR	330 5% 1/6W	
	R 913	QRD161J-564	CARBON RESISTOR	560K 5% 1/6W	
	R 914	QRD161J-471	CARBON RESISTOR	470 5% 1/6W	
	R 915	QRD161J-224	CARBON RESISTOR	220K 5% 1/6W	
	R 916	QRD161J-224	CARBON RESISTOR	220K 5% 1/6W	
	R 917	QRD161J-102	CARBON RESISTOR	1.0K 5% 1/6W	
	R 918	QRD161J-102	CARBON RESISTOR	1.0K 5% 1/6W	
	R 921	QRD161J-272	CARBON RESISTOR	2.7K 5% 1/6W	
	R 922	QRD161J-152	CARBON RESISTOR	1.5K 5% 1/6W	
⚠	R 923	QRD161J-391	CARBON RESISTOR	390 5% 1/6W	
	R 924	QRD161J-152	CARBON RESISTOR	1.5K 5% 1/6W	
	S 301	QSL6A23-V01	LEVER SWITCH		
	S 351	QSL6A64-V01	LEVER SWITCH	FOR FUNCTION SW	
	S 901	QST5102-V04	PUSH SW		
	SW001	QSL6A84-V01	LEVER SW	BAND	
	T 001	VQT7F12-111	IFT	FM IF	
	T 002	VQT7A21-106	IFT	AM IF	
	TC 09	QAT3722-300ZM	T CAPACITOR		
	TC 10	QAT3722-300ZM	T CAPACITOR		
	TC 11	QAT3722-100M	T CAPACITOR		
	TC 12	QAT3722-100M	T CAPACITOR		
	TC 13	QAT3722-100M	T CAPACITOR		
	TC1-4	QAP1224-520VS	V CAPACITOR	TC01-04	
	VC1-4	QAP1224-520VS	V CAPACITOR	VC01-04	
	VR341	QVPA603-203A	SEMI.V.RESISTOR	BIAS ADJST	
	VR361	QVDB12W-V01	V RESISTOR	TREBLE	
	VR362	QVDB12W-V01	V RESISTOR	BASS	
	VR371	QVPA603-102	V RESISTOR		
	VR801	QVDB17A-V02	V RESISTOR(A)	MAIN VOL	

• CD Control P.C. Board

BLOCK NO. 03

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	SUFFIX
	C 701	QEK41CM-476	E CAPACITOR	47MF 20% 16V	
	C 702	QEK41EM-475	E.CAPACITOR	4.7MF 20% 25V	
	C 703	QCVB1CM-103Y	C CAPACITOR	.010MF 20% 16V	
	C 704	QEK61AM-336Z	E CAPACITOR	33MF 20% 10V	
	CN701	VMC0163-R13	CONNECTOR	FROM CD	
	D 701	HSS104TJ	SI DIODE		
	D 704	HSS104TJ	SI DIODE		
	D 705	HSS104TJ	SI DIODE		
	D 706	HSS104TJ	SI DIODE		
	D 707	HSS104TJ	SI DIODE		
	IC701	MN158631JCTF	CPU		
	IC702	SPS-420-1	RM SENSOR		
	LCD01	VGL1087-101	LCD		
	Q 701	2SA1309(RS)	TRANSISTOR		
	R 701	QRD161J-103	CARBON RESISTOR	10K 5% 1/6W	
	R 702	QRD167J-332	CARBON RESISTOR	3.3K 5% 1/6W	
	R 703	QRD161J-153	CARBON RESISTOR	15K 5% 1/6W	
	R 704	QRD161J-103	CARBON RESISTOR	10K 5% 1/6W	
	R 711	QRD161J-152	CARBON RESISTOR	1.5K 5% 1/6W	
	R 712	QRD161J-152	CARBON RESISTOR	1.5K 5% 1/6W	
	R 713	QRD161J-152	CARBON RESISTOR	1.5K 5% 1/6W	
	R 721	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 722	QRD161J-103	CARBON RESISTOR	10K 5% 1/6W	
	R 723	QRD161J-103	CARBON RESISTOR	10K 5% 1/6W	
	R 724	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 725	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 726	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 727	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 728	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 729	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 730	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 731	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 732	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 733	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 734	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 735	QRD161J-473	CARBON RESISTOR	47K 5% 1/6W	
	R 736	QRD161J-222	CARBON RESISTOR	2.2K 5% 1/6W	
	R 737	QRD161J-222	CARBON RESISTOR	2.2K 5% 1/6W	
	R 738	QRD161J-222	CARBON RESISTOR	2.2K 5% 1/6W	
	R 739	QRD161J-222	CARBON RESISTOR	2.2K 5% 1/6W	
	R 740	QRD161J-102	CARBON RESISTOR	1.0K 5% 1/6W	
	S 701	QSQ4H11-V02Z	TACT SWITCH		
	S 702	QSQ4H11-V02Z	TACT SWITCH		
	S 703	QSQ4H11-V02Z	TACT SWITCH		
	S 704	QSQ4H11-V02Z	TACT SWITCH		
	S 705	QSQ4H11-V02Z	TACT SWITCH		
	S 706	QSQ4H11-V02Z	TACT SWITCH		
	S 711	VSH1153-001	SWITCH		
	X 701	EFO-GC4194A4	CERAMIC RESONAT		

8. Illustration of Packing Parts and Parts List

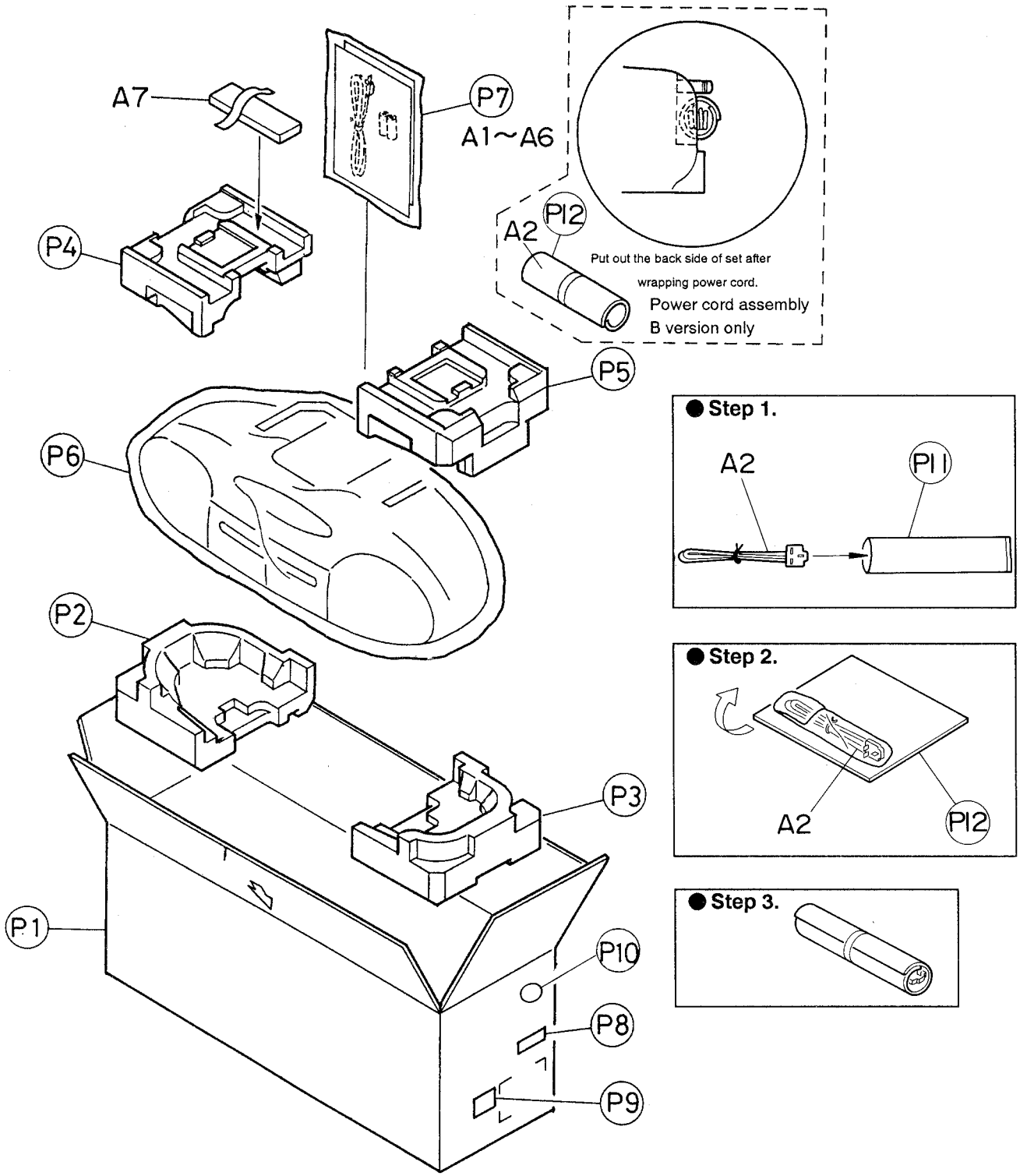


Fig. 8-1

■ Packing Parts List

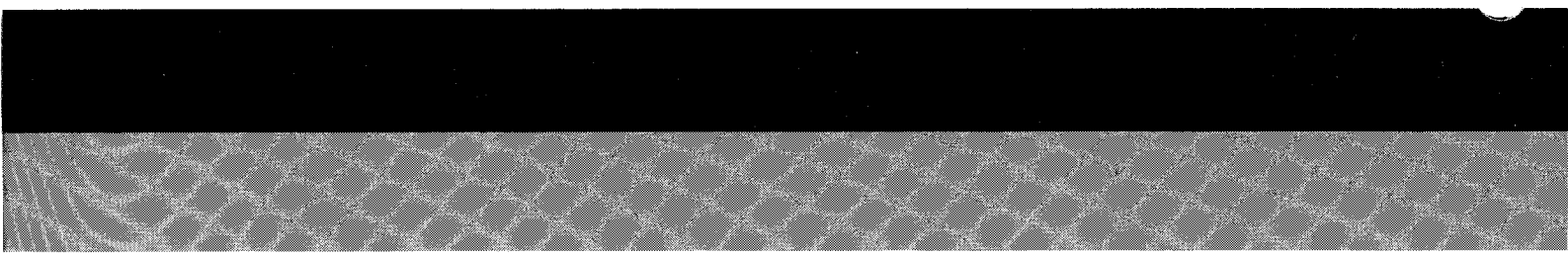
BLOCK NO. M7MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	P 1	VPC5171-M001	CARTON		1		
	P 2	VPH2449-001	CUSHION		1		
	P 3	VPH2449-002	CUSHION		1		
	P 4	VPH2450-003	CUSHION		1		
	P 5	VPH2450-004	CUSHION		1		
	P 6	VPK3239-001	POLY SHEET		1		
	P 7	VPE3005-007	POLY BAG	INST	1		
	P 8	VND3025-195	BAR CODE LABEL		1	E,G,B	
		VND3025-168	BAR CODE LABEL		1	GI	
	P 9	VND3044-005	NUMBER LABEL		1	G	
		VND3044-003	NUMBER LABEL		1	E	
		VND3044-004	NUMBER LABEL		1	B	
		VND3044-001	NUMBER LABEL		1	GI,EN	
	P 10	QZLA001-011	APPROVAL MARK		1	E	
		QZLA001-005	APPROVAL MARK	GREEN POINT	1	G	
	P 11	QPGA015-03503	POLY BAG	POWER CORD	1	B	
	P 12	VPK4281-001	CORD PAD		1	B	

■ Accessories

BLOCK NO. M8MM

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
	A 1	VNN5171-251M	INSTRUCTIONS		1	B,GI,EN	
		VNN5171-261M	INSTRUCTIONS		1	E,G,EN	
		VNN5171-271M	INSTRUCTIONS		1	EN	
⚠	A 2	QMP39F0-183	POWER CORD		1	E,G,GI	
⚠		QMP5520-183BS	POWER CORD		1	B	
	A 3	BT20060	WARRANTY CARD		1	B	
		BT-20066A	WARRANTY CARD		1	B	
		E43486-340B	SAFETY SHEET		1	B	
	A 6	UM3HJ-2P	BATTERY		2		
	A 7	VGR0021-001	REMOCON UNIT		1		



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